

● 16 I ME 7520 7476 KW CCRA engine identification code CCRA

From March 2010

**Notes**

For information about

◆ Location of relay and fuse

◆ Connectors

◆ Control units

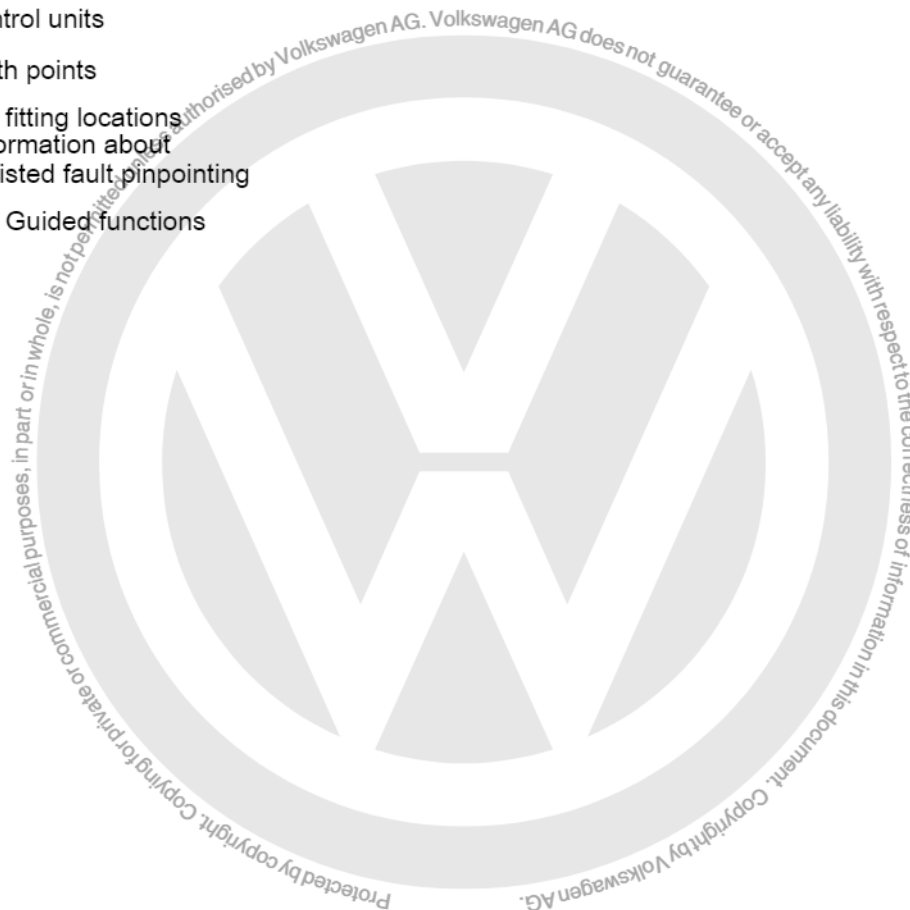
◆ Earth points

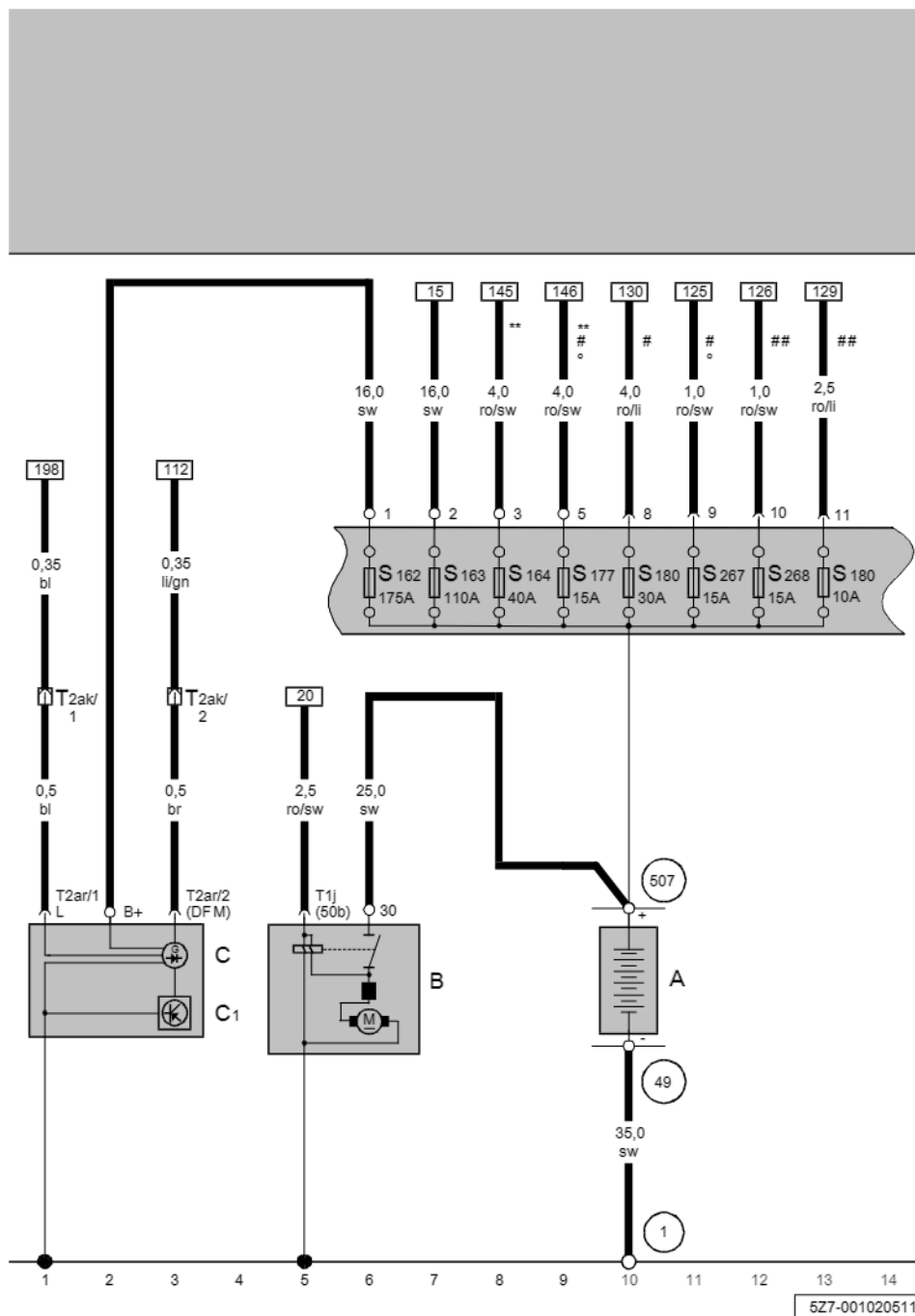
⇒ See fitting locations

For information about

◆ Assisted fault pinpointing

⇒ See Guided functions





# Battery Starter Generator Alternator Voltage regulator

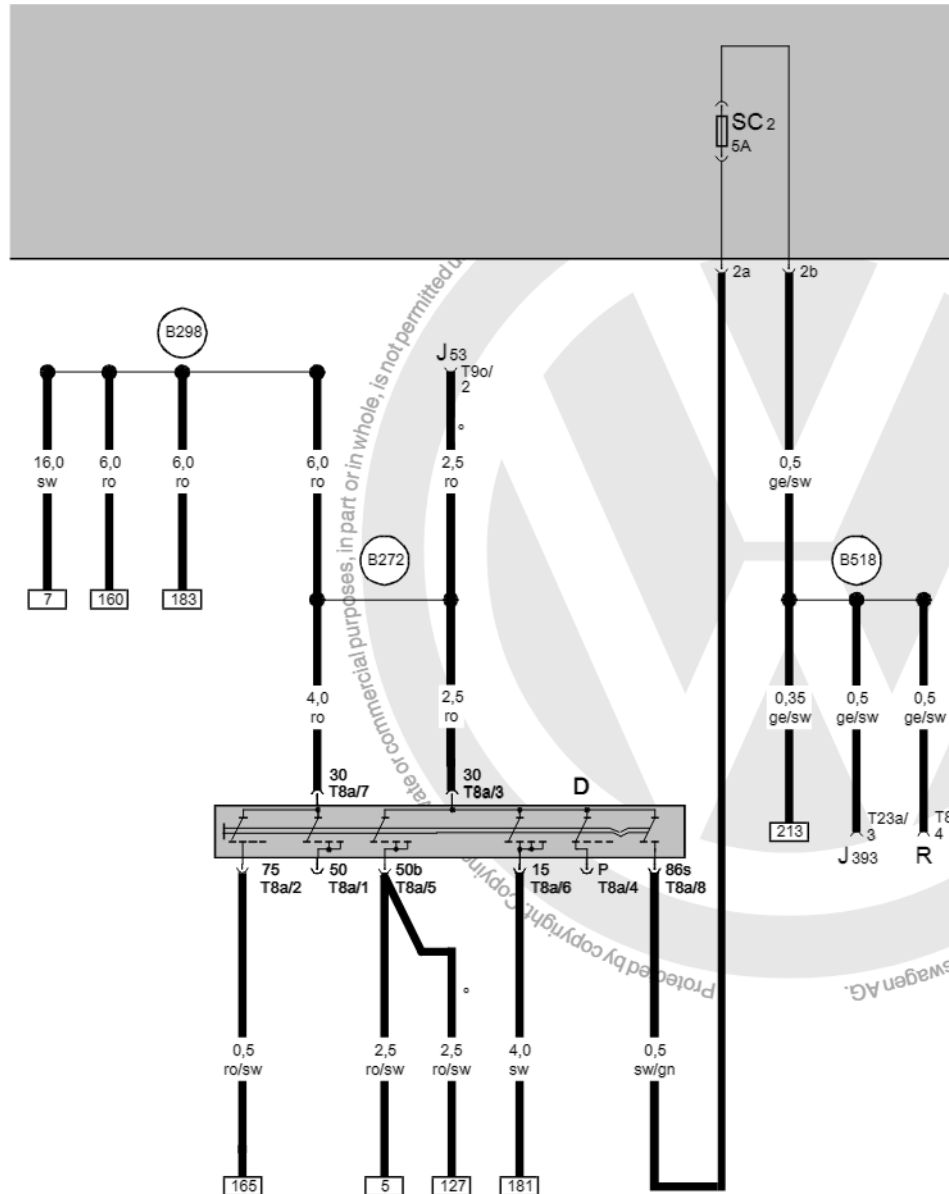
- A Battery
- B Starter
- C Generator Alternator
- C1 Voltage regulator
- S162 Fuse 1 30 in battery fuse holder
- S163 Fuse 2 30 in battery fuse holder
- S164 Fuse 3 30 in battery fuse holder
- S177 Fuse 5 30 in battery fuse holder
- S180 Fuse 8 30 in battery fuse holder
- S267 Fuse 9 30 in battery fuse holder
- S268 Fuse 10 30 in battery fuse holder
- T1j Fitting connector single on starter
- T2ak Fitting connector 2pin on engine compartment
- T2ar Fitting connector 2pin on generator alternator

- 1 Earth strap battery body
- 49 Earth point near the battery
- 507 Screw connection 30 battery fuse holder

Only for vehicles with air conditioning  
Only for vehicles with automatic manual transmission  
Until February 2011  
From February 2011

- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink





### Ignition switch

- D Ignition switch
- J53 Starter motor relay
- J393 Central control unit for the convenience system
- R Radio
- SC2 Fuse 2 on fuse holder C
- T8a Fitting connector 8pin on ignition switch
- T8f Fitting connector 8pin on radio
- T9o Fitting connector 9pin on starter relay
- T23a Fitting connector 23 poles on central control unit for the convenience system

B272 Positive connection 30 on main harness

B298 Positive connection 2 30 on main harness

B518 Connection 86s on main harness

Only for vehicles with automatic manual transmission

- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

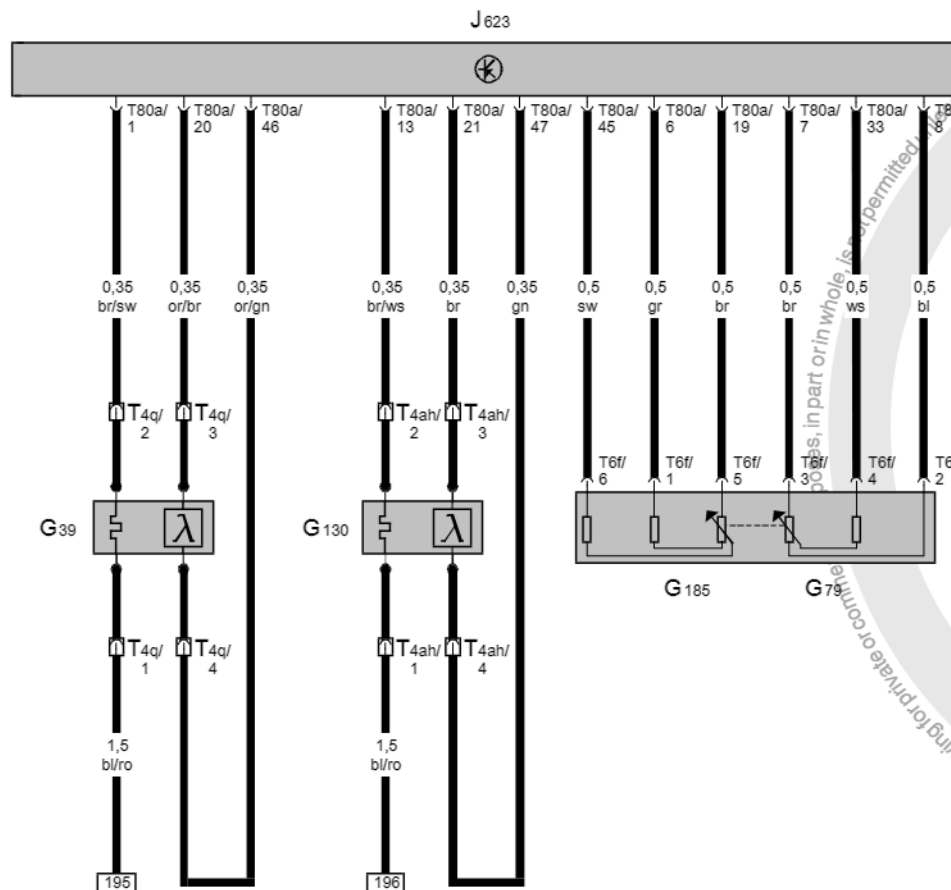
15 16 17 18 19 20 21 22 23 24 25 26 27 28

5Z7-001030511



Lambda probe Throttle pedal position sensor Lambda probe  
after catalytic converter Throttle pedal position sensor 2  
Engine control unit

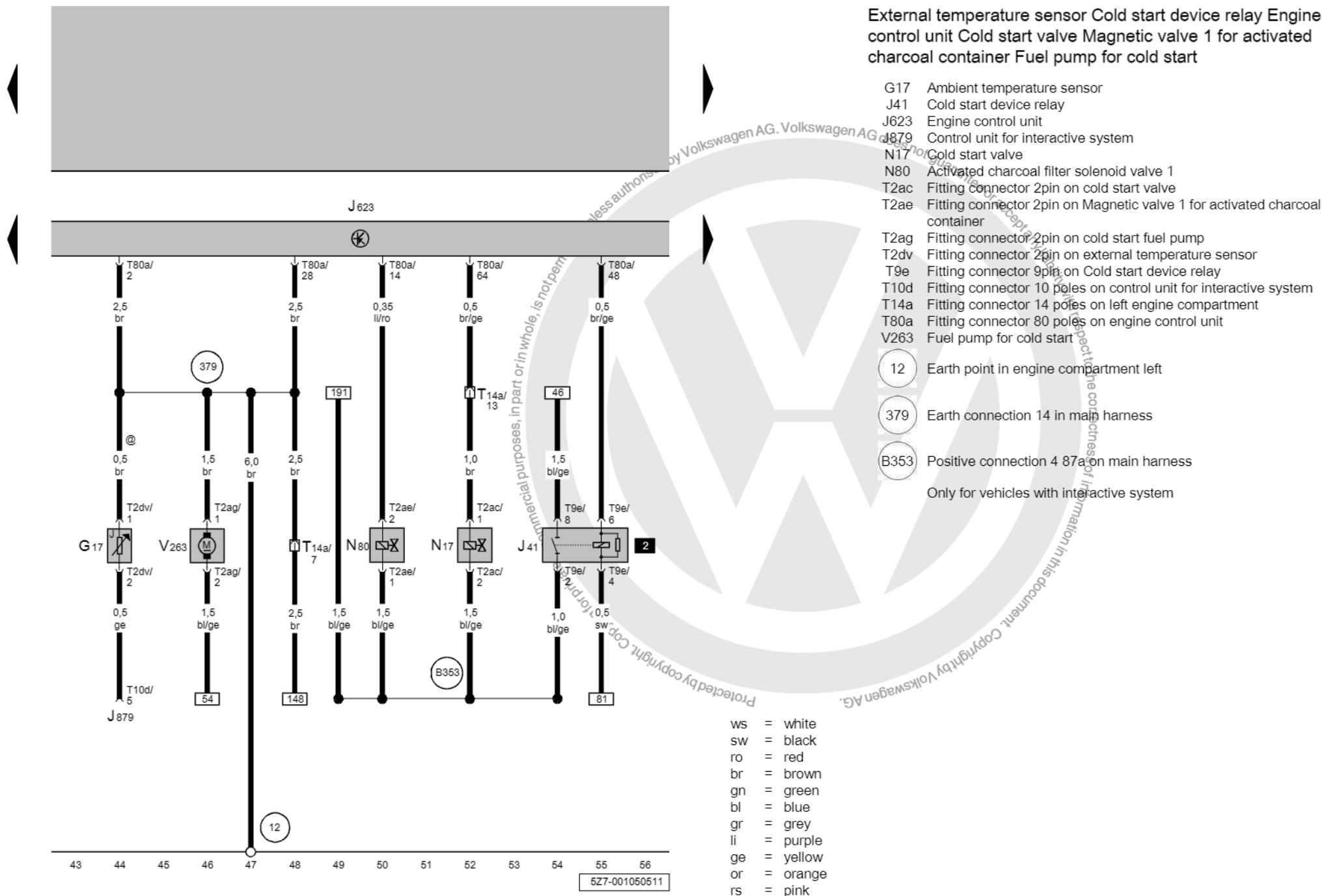
- G39 Lambda probe
- G79 Accelerator position sender
- G130 Lambda probe after catalytic converter
- G185 Accelerator position sender 2
- J623 Engine control unit
- T4q Fitting connector 4pin on Lambda probe
- T4ah Fitting connector 4pin on Lambda probe after catalytic converter
- T6f Fitting connector 6pin on Throttle pedal position sensor
- T80a Fitting connector 80 poles on engine control unit

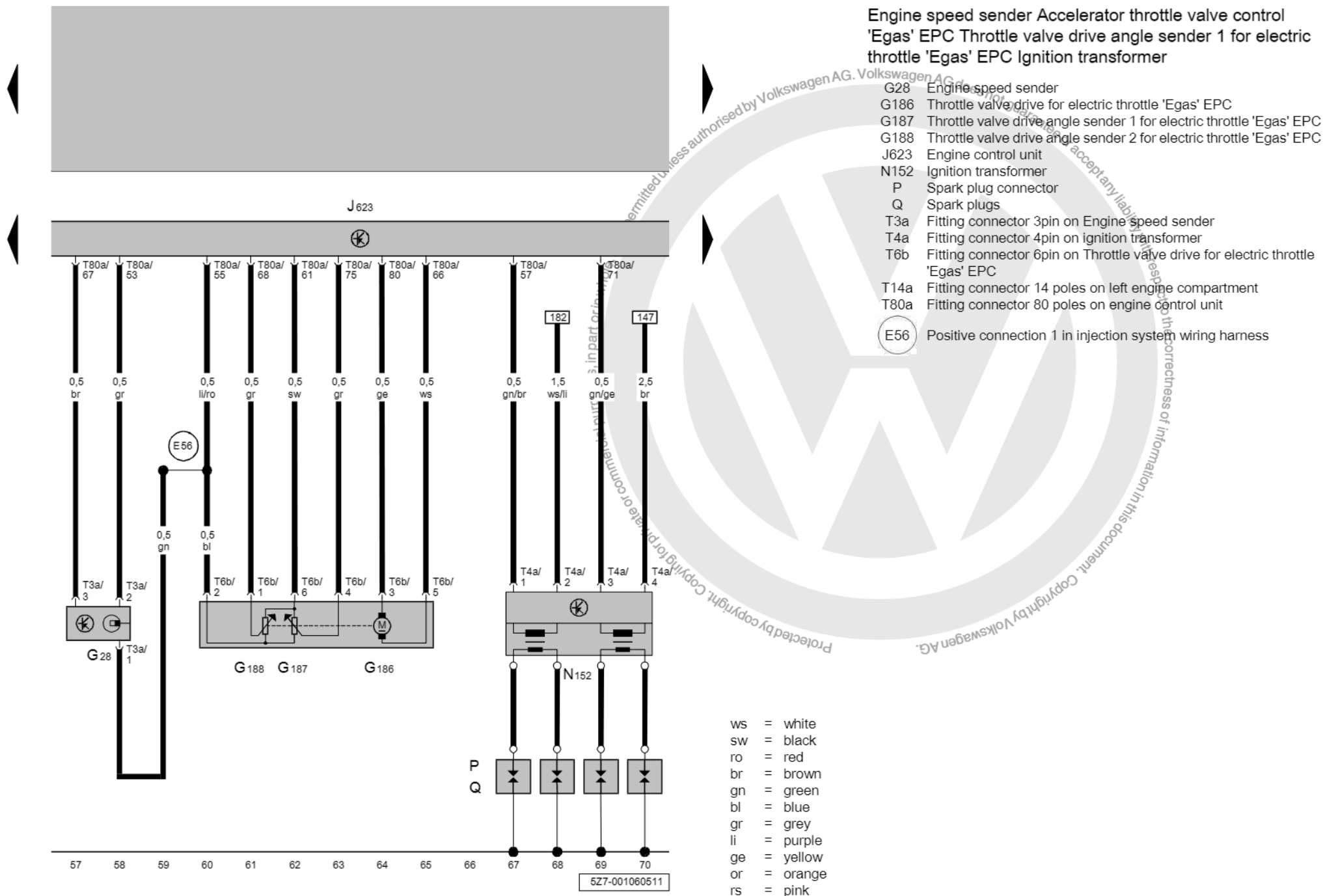


- ws = white
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- li = purple
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29 30 31 32 33 34 35 36 37 38 39 40 41 42

6Z7-001040511





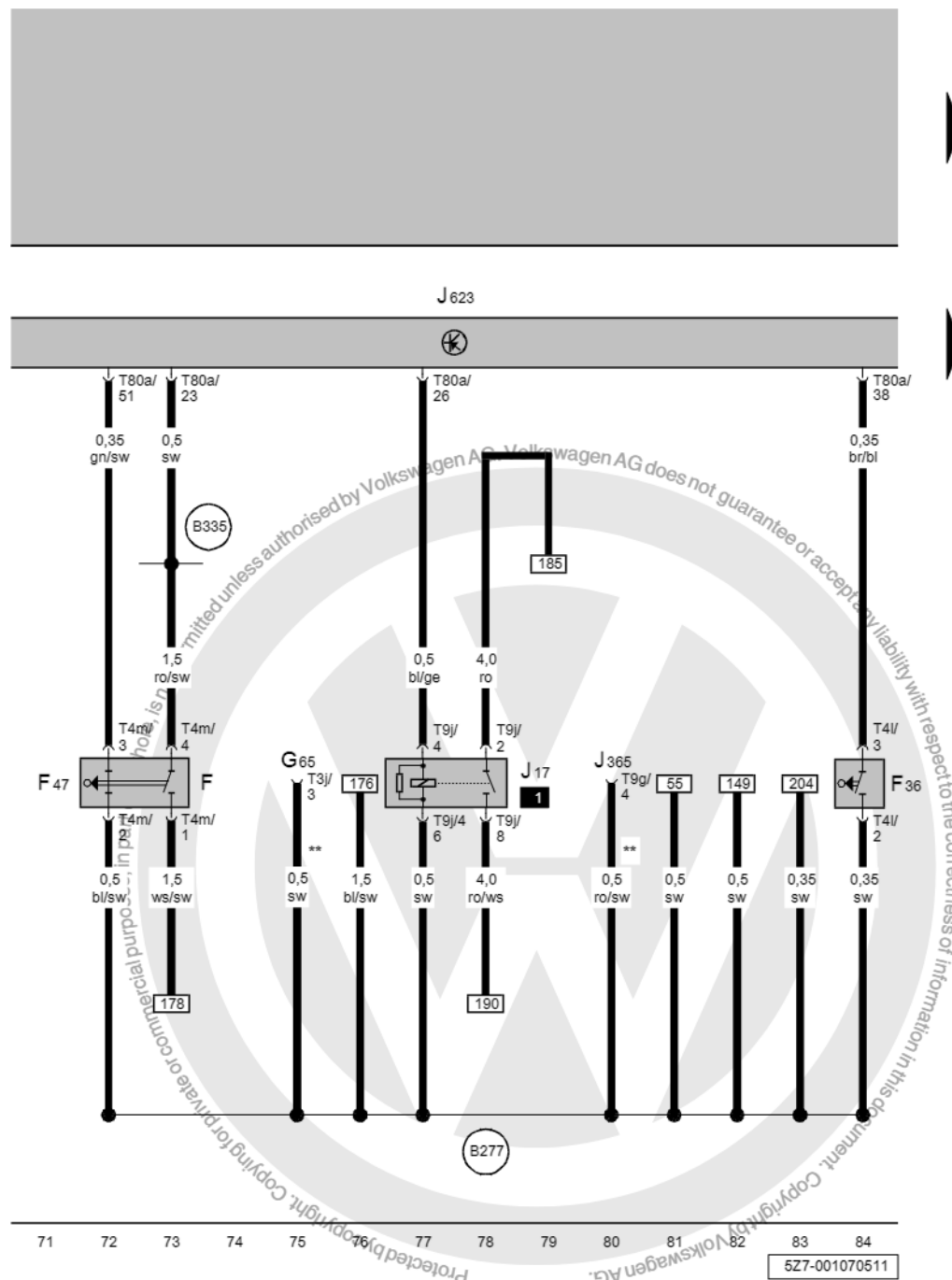
Brake light switch Clutch pedal switch Brake pedal switch  
Fuel pump relay Engine control unit

- F Brake light switch
- F36 Clutch pedal switch
- F47 Brake pedal switch
- G65 High pressure sensor
- J17 Fuel pump relay
- J365 Air conditioning system switchoff relay
- J623 Engine control unit
- T3j Fitting connector 3pin on high pressure sensor
- T4l Fitting connector 4pin on clutch pedal switch
- T4m Fitting connector 4pin on brake pedal switch
- T9g Fitting connector 9pin on Air conditioning system switchoff relay
- T9j Fitting connector 9pin on Fuel pump relay
- T80a Fitting connector 80 poles on engine control unit

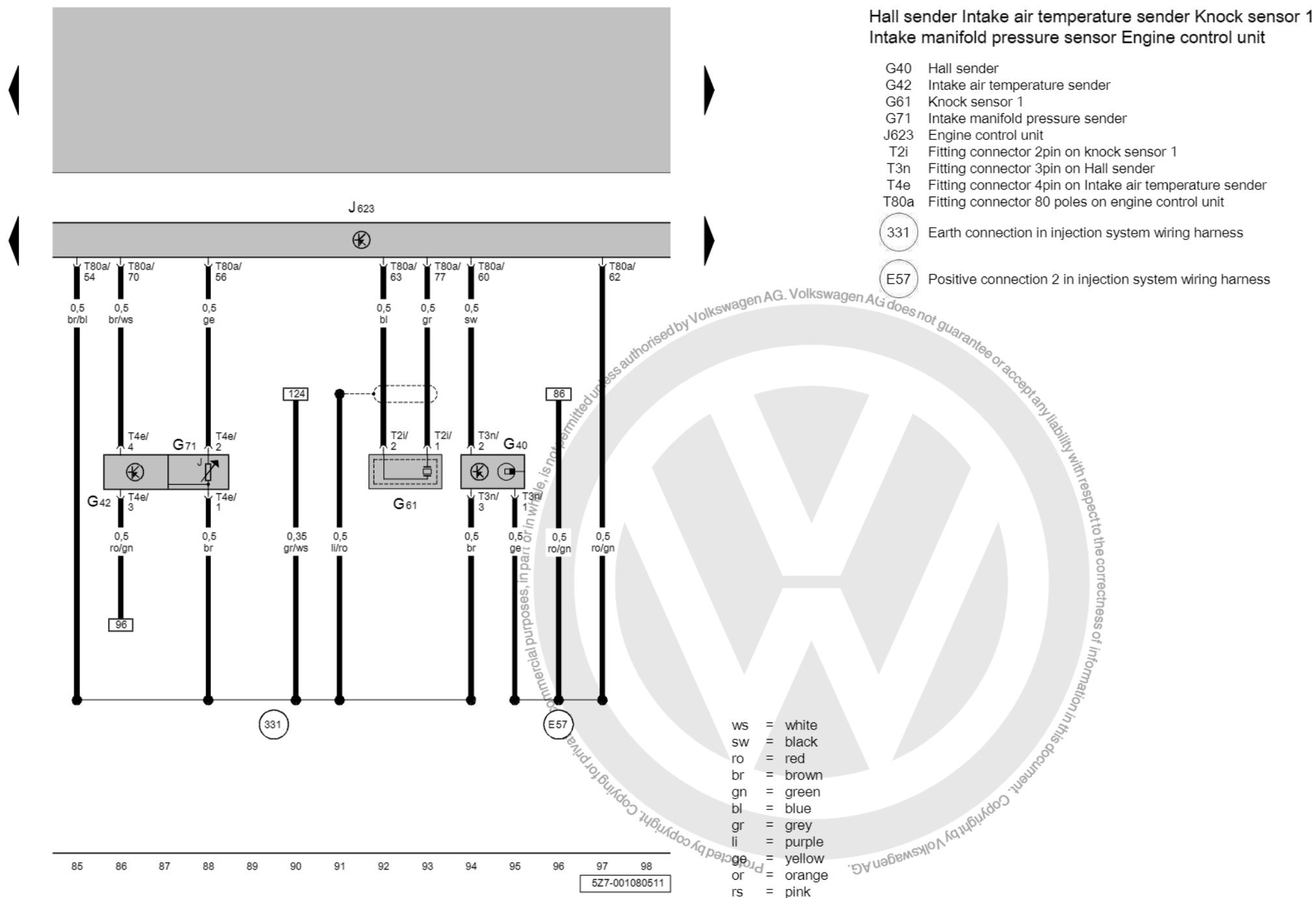
(B277) Positive connection 1 15a on main harness

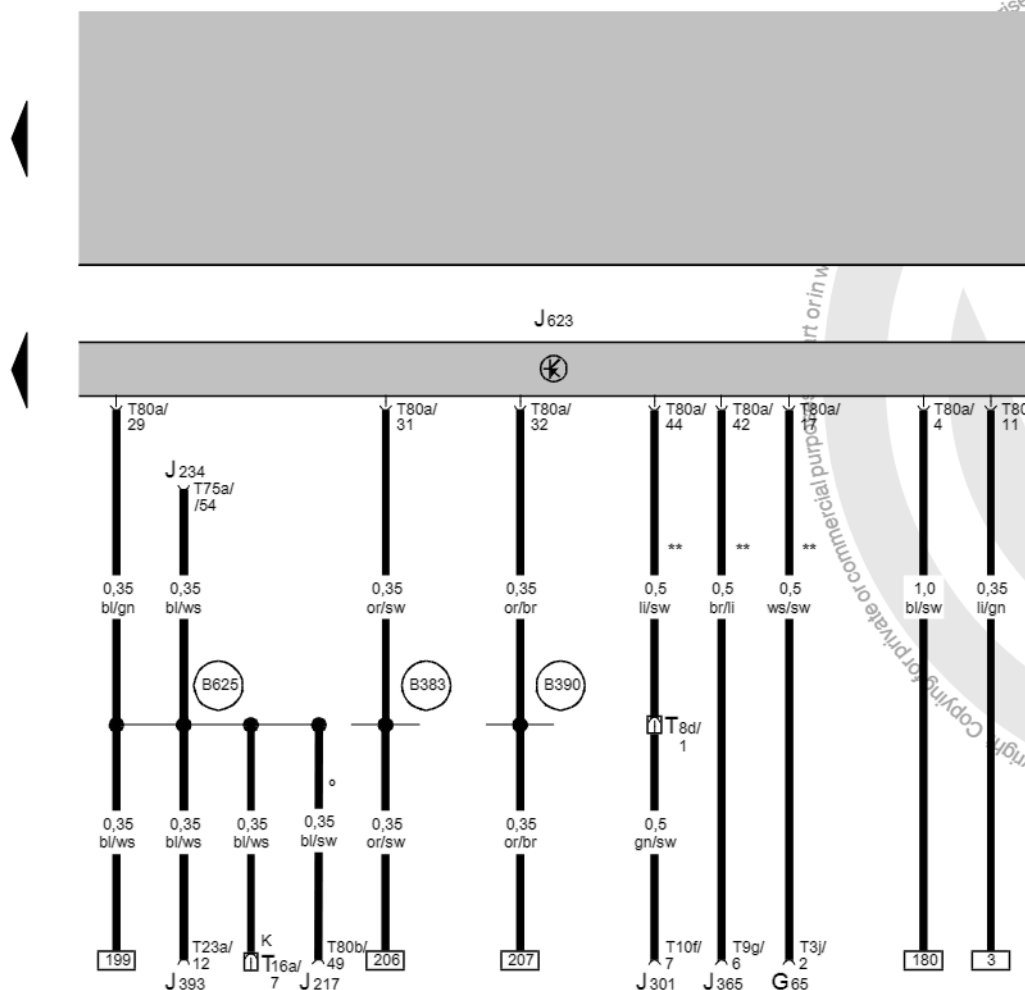
(B335) Connection 1 54 on main harness

Only for vehicles with air conditioning



ws = white  
sw = black  
ro = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
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rs = pink





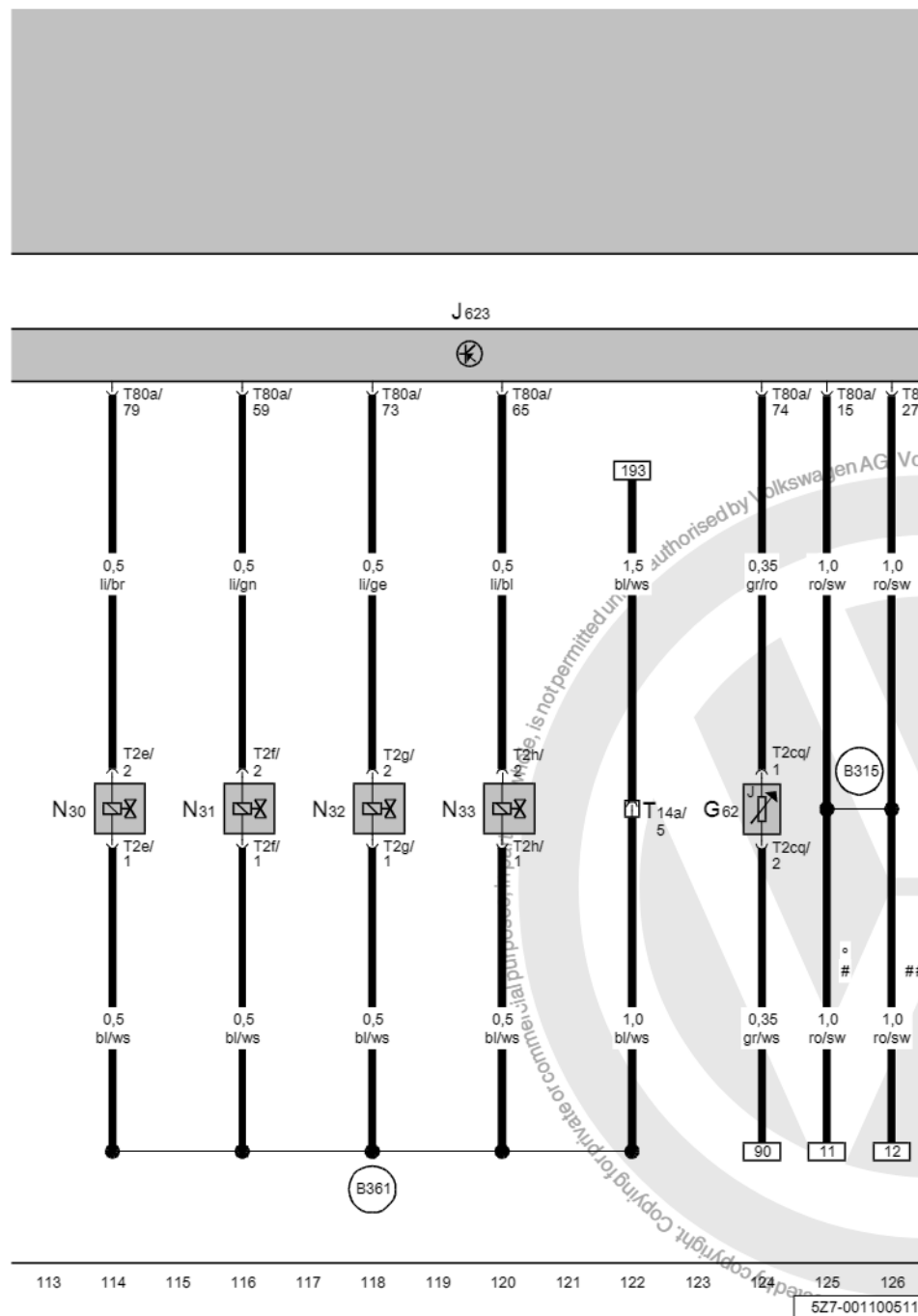
### Engine control unit

- G65 High pressure sensor
- J217 Automatic transmission control unit
- J234 Airbag control unit
- J301 Air conditioning system control unit
- J365 Air conditioning system switchoff relay
- J393 Central control unit for the convenience system
- J623 Engine control unit
- T3j Fitting connector 3pin on high pressure sensor
- T8d Fitting connector 8pin on behind dash panel centre
- T9g Fitting connector 9pin on Air conditioning system switchoff relay
- T10f Fitting connector 10 poles on Air conditioning system control unit
- T16a Fitting connector 16 poles in diagnosis
- T23a Fitting connector 23 poles on central control unit for the convenience system
- T75a Fitting connector 75 poles on engine control unit
- T80a Fitting connector 80 poles on engine control unit
- T80b Fitting connector 80 poles on automatic transmission control unit

- B383 Connection 1 CANbus 'high' command on main harness
- B390 Connection 1 CANbus 'low' command on main harness
- B625 Connection diagnostic cable K on main harness

Only for vehicles with air conditioning  
Only for vehicles with automatic manual transmission

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Coolant temperature sensor Engine control unit Cylinder 1 injector Cylinder 2 Injector Cylinder 3 Injector Cylinder 4 Injector

- G62 Coolant temperature sender
- J623 Engine control unit
- N30 Injector cylinder 1
- N31 Injector cylinder 2
- N32 Injector cylinder 3
- N33 Injector cylinder 4
- T2e Fitting connector 2pin on Cylinder 1 injector
- T2f Fitting connector 2pin on Cylinder 2 injector
- T2g Fitting connector 2pin on Cylinder 3 injector
- T2h Fitting connector 2pin on Cylinder 4 injector
- T2cq Fitting connector 2pin on coolant temperature sensor
- T14a Fitting connector 14 poles on left engine compartment
- T80a Fitting connector 80 poles on engine control unit

B315 Positive connection 1 30a on main harness

B361 Positive connection 12 87a on main harness

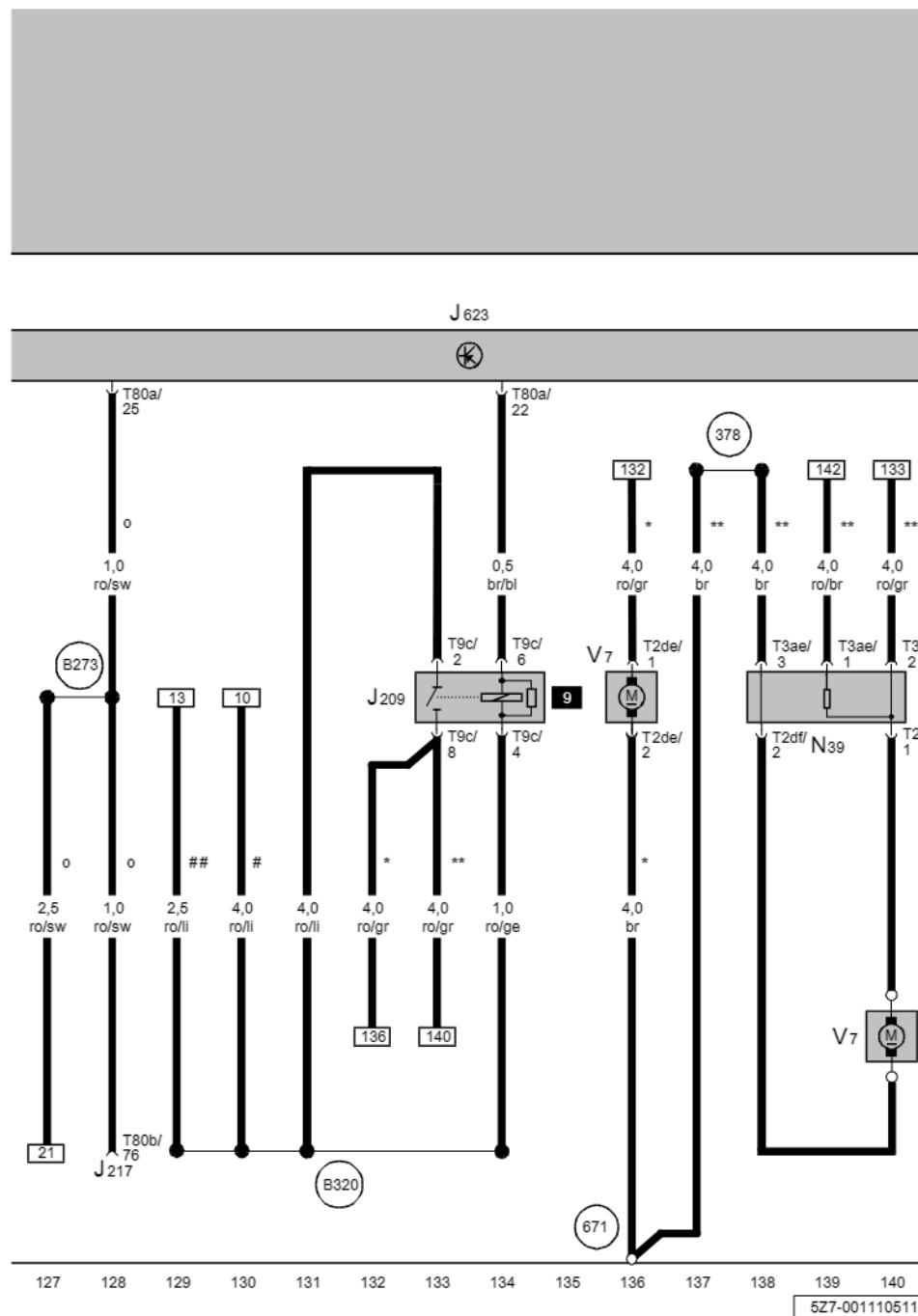
Until February 2011

From February 2011

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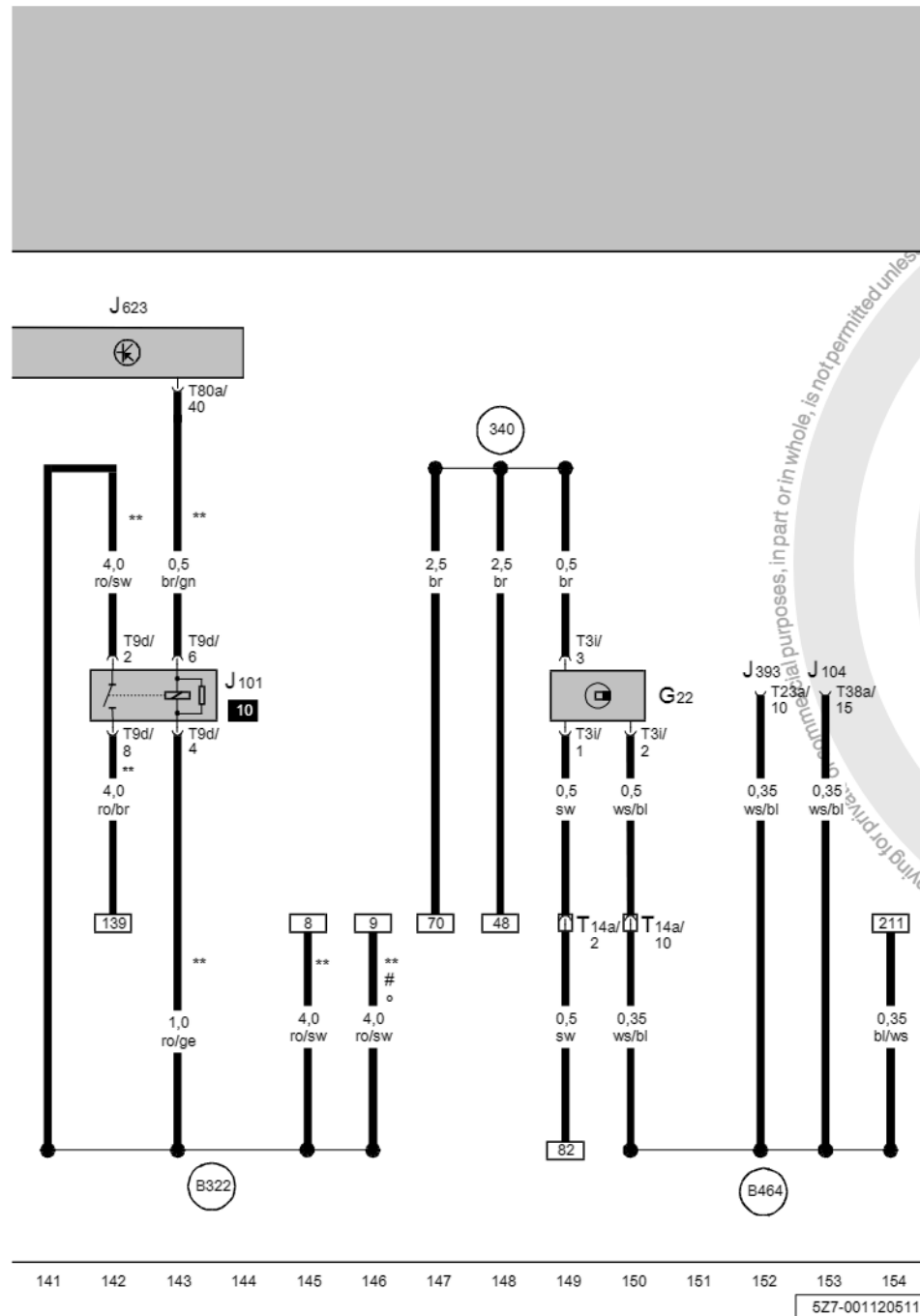
Fresh air blower and radiator fan relay Engine control unit  
Radiator fan series resistor Radiator fan

- J209 Fresh air blower and radiator fan relay
- J217 Automatic transmission control unit
- J623 Engine control unit
- N39 Radiator fan series resistor
- T2de Fitting connector 2pin on radiator fan
- T2df Fitting connector 2pin on radiator fan
- T3ae Fitting connector 3pin on Radiator fan series resistor
- T9c Fitting connector 9pin fresh air blower and radiator fan relay
- T80a Fitting connector 80 poles on engine control unit
- T80b Fitting connector 80 poles on automatic transmission control unit
- V7 Radiator fan

- 378 Earth connection 13 in main harness
- 671 Earth point 1 on left front longitudinal member
- B320 Positive connection 6 30a on main harness

Only for vehicles with automatic manual transmission  
Only for vehicles without air conditioning  
Only for vehicles with air conditioning  
Until February 2011  
From February 2011

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Speed sensor Radiator fan 2nd speed relay Engine control unit

G22	Speed sensor
J101	Radiator fan 2nd speed relay
J104	ABS control unit
J393	Central control unit for the convenience system
J623	Engine control unit
T3i	Fitting connector 3pin on speed sensor
T9d	Fitting connector 9pin on Radiator fan 2nd speed relay
T14a	Fitting connector 14 poles on left engine compartment
T23a	Fitting connector 23 poles on central control unit for the convenience system
T38a	Fitting connector 38 poles on ABS control unit
T80a	Fitting connector 80 poles on engine control unit

(340) Earth connection 2 in injection system wiring harness

(B322) Positive connection 8 30a on main harness

(B464) Connection speed signal on main harness

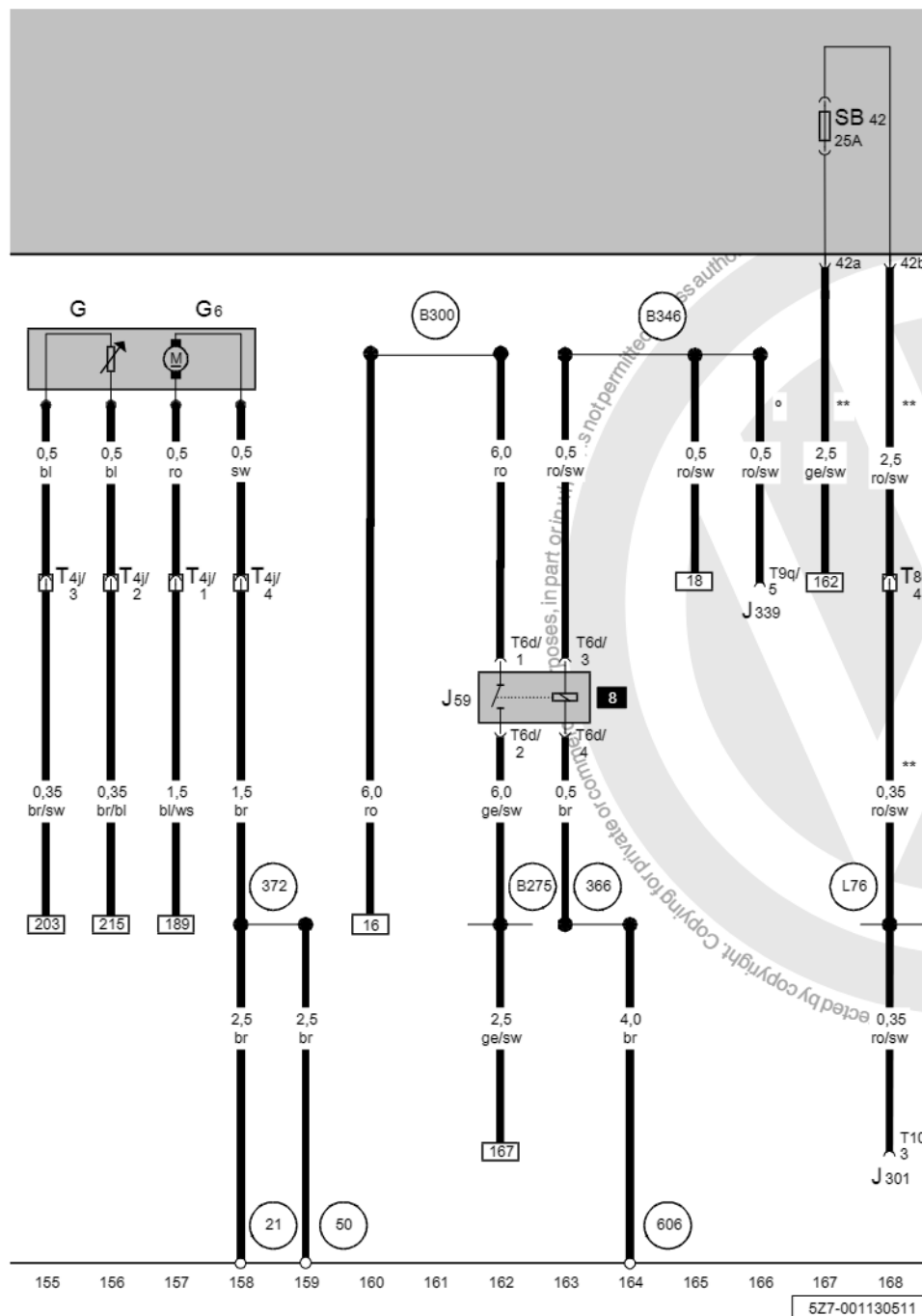
(L76) Connection 87 on air conditioning wiring harness

Only for vehicles with air conditioning

Only for vehicles with automatic manual transmission

Until February 2011

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bl = blue  
gr = grey  
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Fuel gauge sender Fuel pump presupply pump  
Xcontact relief relay

- G Fuel gauge sender
- G6 Fuel system pressurization pump
- J59 Xcontact relief relay
- J301 Air conditioning system control unit
- J339 X contact relief relay 2
- SB42 Fuse 42 on fuse holder B
- T4j Fitting connector 4pin on Fuel pump presupply pump
- T6d Fitting connector 6pin in Xcontact relief relay
- T8d Fitting connector 8pin on behind dash panel centre
- T9q Fitting connector 9pin in Xcontact relief relay 2
- T10f Fitting connector 10 poles on Air conditioning system control unit

- 21 Earth point near fuel pump
- 50 Earth point on left luggage compartment
- 366 Earth connection 1 in main harness
- 372 Earth connection 7 in main harness
- 606 Earth point under the centre console near the selection lever
- B275 Positive connection 87 on main harness
- B300 Positive connection 4 30 on main harness
- B346 Connection 1 75 on main harness
- L76 Connection 87 on air conditioning wiring harness

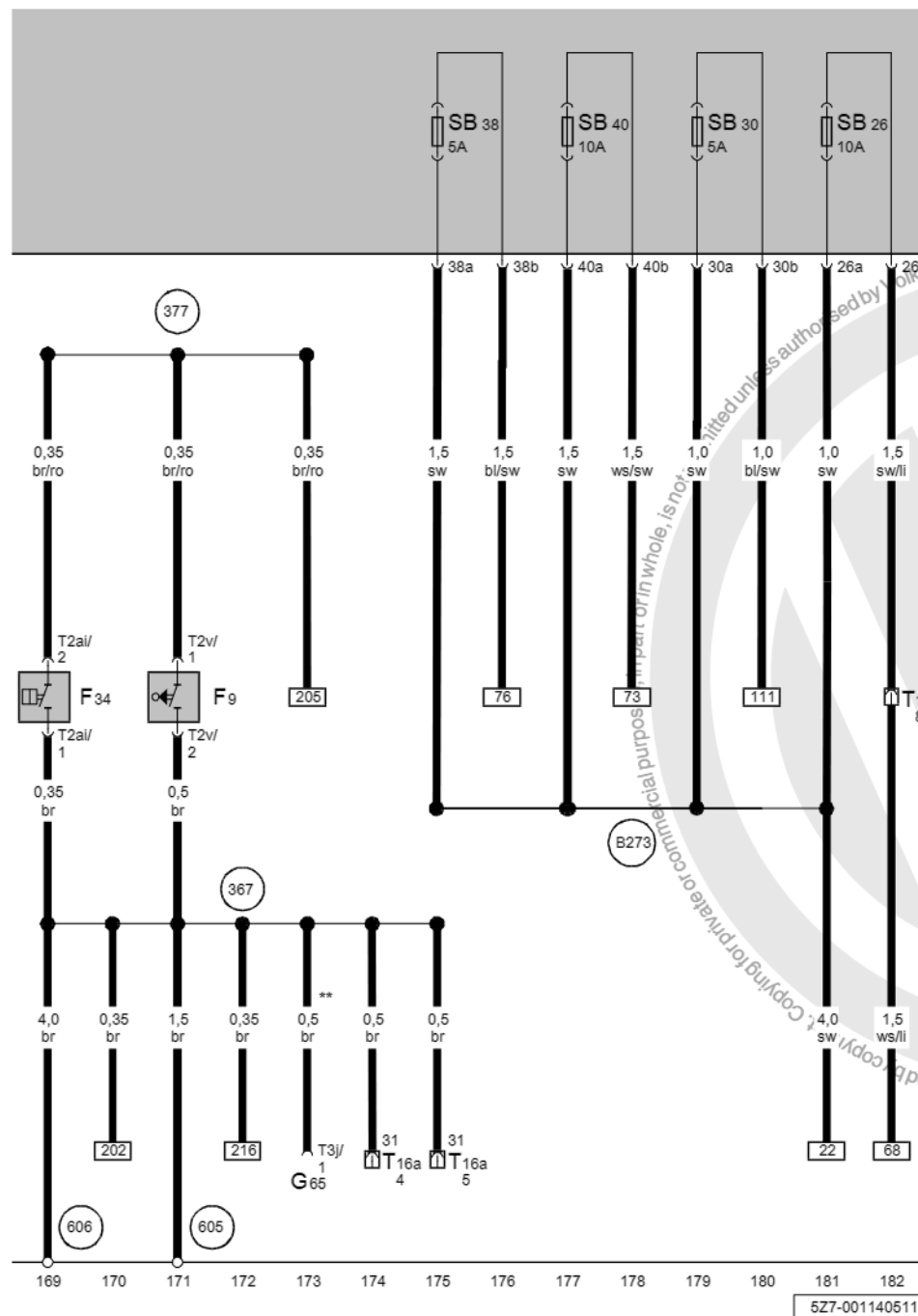
Only for vehicles with air conditioning  
Only for vehicles with automatic manual transmission

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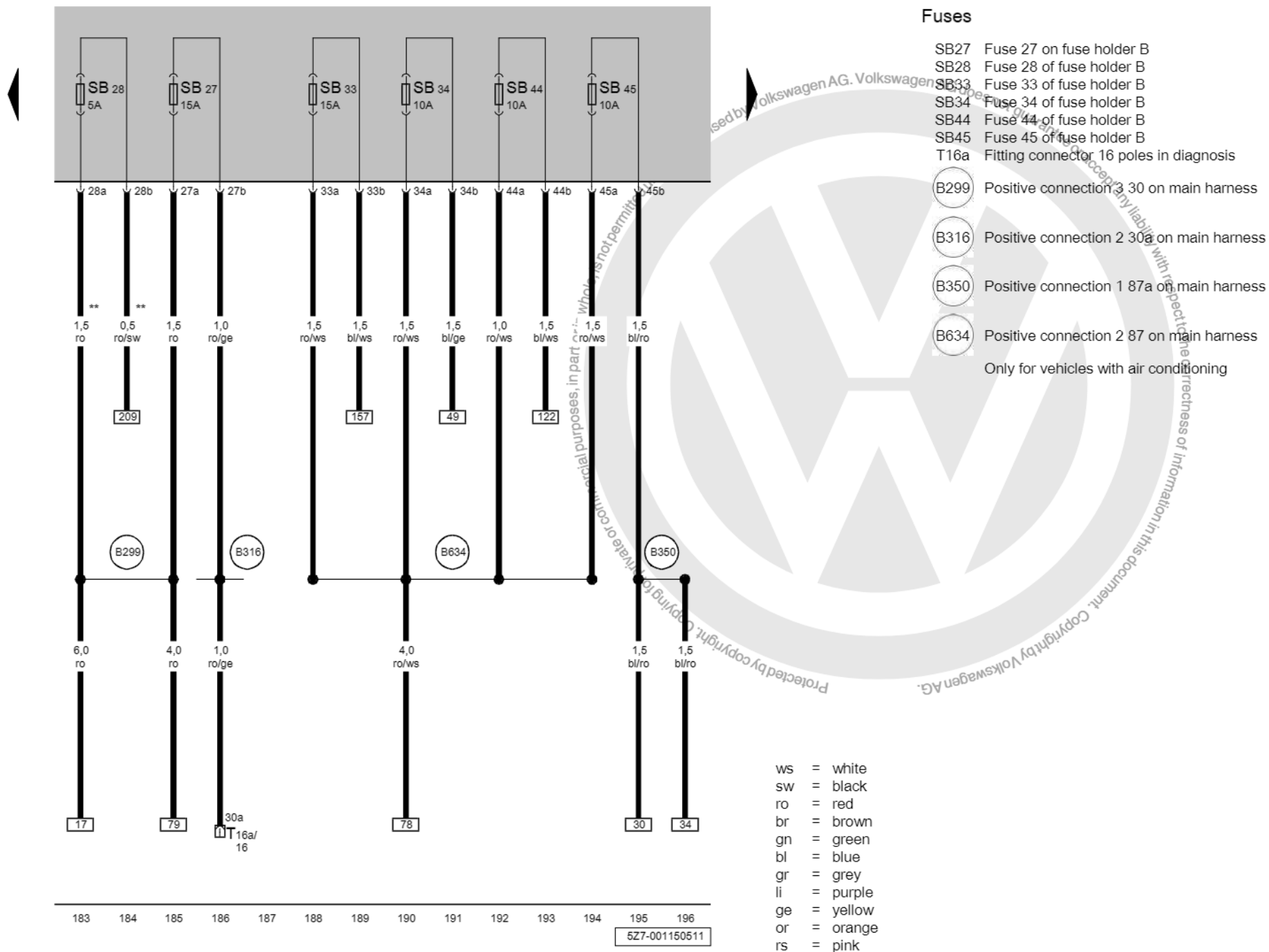
Park brake control switch Brake oil level warning contact

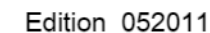
- F9 Handbrake warning switch
- F34 Brake oil level warning contact
- G65 High pressure sensor
- SB26 Fuse 26 on fuse holder B
- SB30 Fuse 30 on fuse holder B
- SB38 Fuse 38 on fuse holder B
- SB40 Fuse 40 on fuse holder B
- T2v Fitting connector 2pin on Park brake control switch
- T2ai Fitting connector 2pin on Brake oil level warning contact
- T3j Fitting connector 3pin on high pressure sensor
- T14a 14pin connector in engine compartment left
- T16a Fitting connector 16 poles in diagnosis

- 367 Earth connection 2 in main harness
- 377 Earth connection 12 in main harness
- 605 Earth point in upper steering column area
- 606 Earth point under the centre console near the selection lever
- B273 Positive connection 15 on main harness  
Only for vehicles with air conditioning



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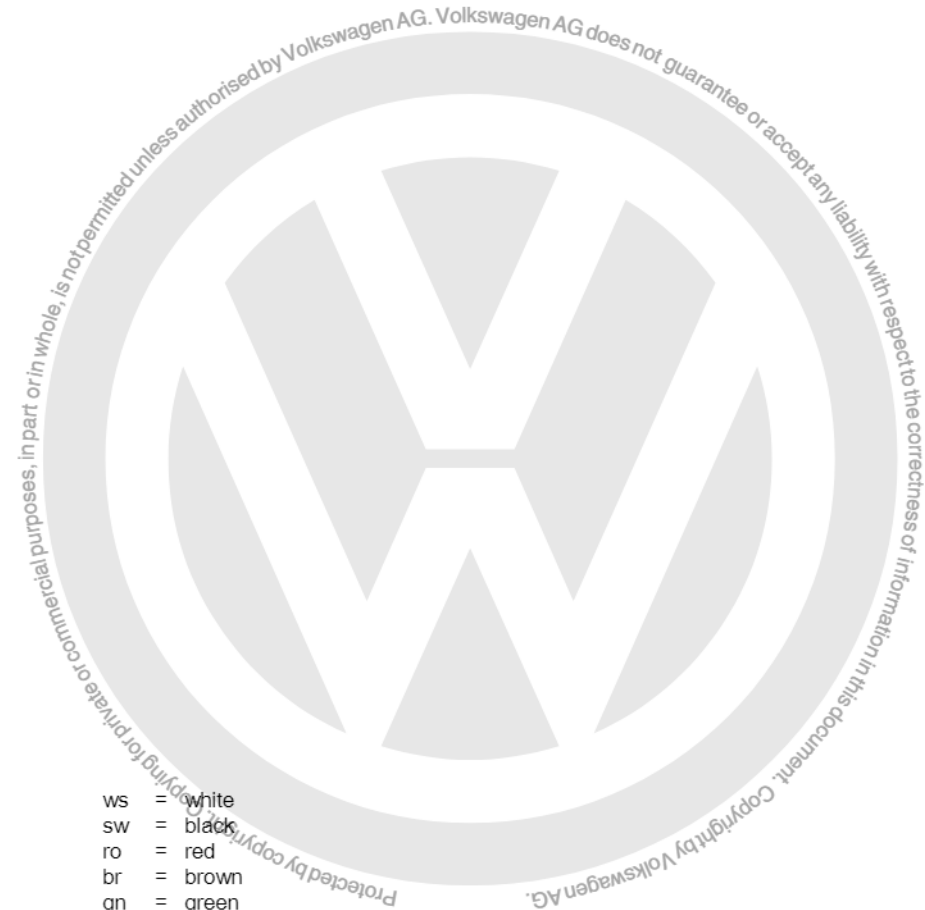
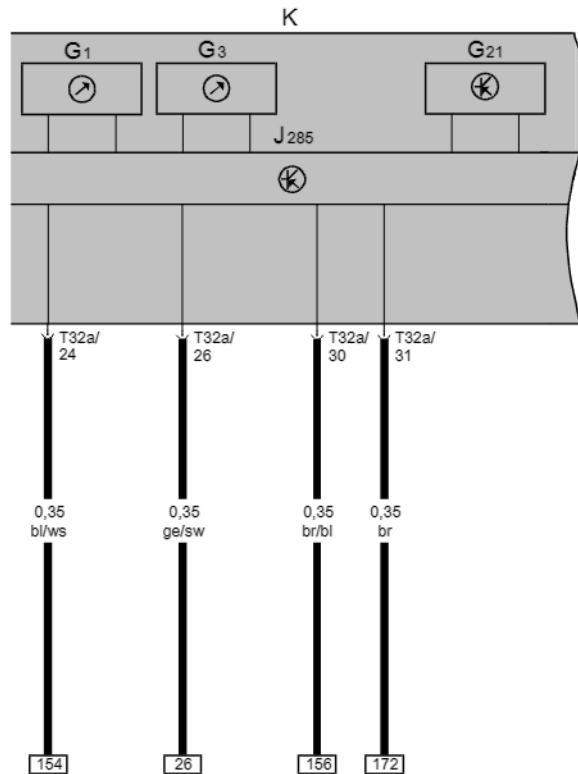






Fuel level indicator Coolant temperature indicator Speedometer  
Control unit w indicator on the combined instrument Combined  
instrument

- G1 Fuel level indicator
- G3 Coolant temperature indicator
- G21 Speedometer
- J285 Control unit w indicator on the combined instrument
- K Combined instrument
- T32a Fitting connector 32 poles on Control unit w indicator on the combined instrument



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211 212 213 214 215 216 217 218 219 220 221 222 223 224

5Z7-001170511

● 16 I ME 7530 74 KW CFZA engine identification code CFZA

From March 2010

**Notes**

For information about

◆ Location of relay and fuse

◆ Connectors

◆ Control units

◆ Earth points

⇒ See fitting locations

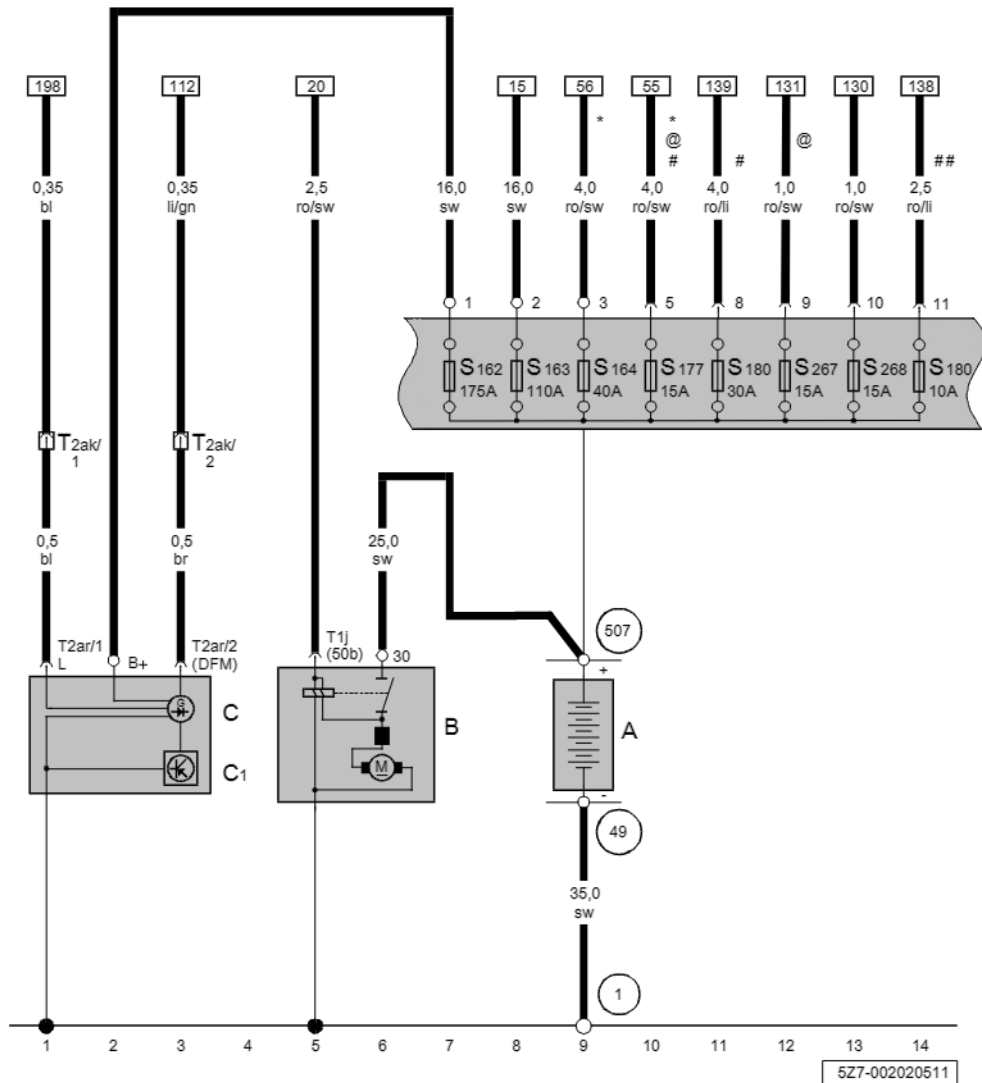
For information about

◆ Assisted fault pinpointing

⇒ See Guided functions







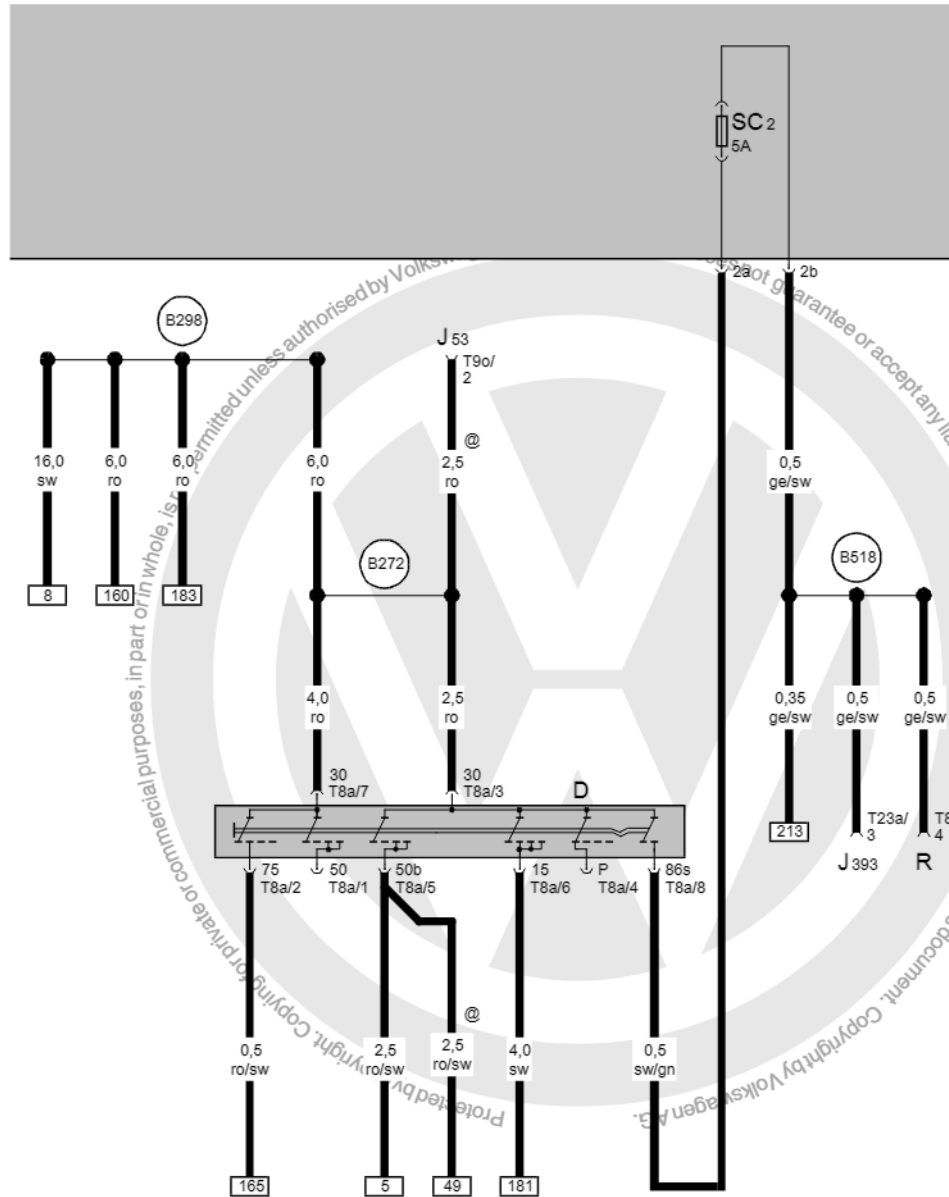
# Battery Starter Generator Alternator Voltage regulator

- A Battery
- B Starter
- C Generator Alternator
- C1 Voltage regulator
- S162 Fuse 1 30 in battery fuse holder
- S163 Fuse 2 30 in battery fuse holder
- S164 Fuse 3 30 in battery fuse holder
- S177 Fuse 5 30 in battery fuse holder
- S180 Fuse 8 30 in battery fuse holder
- S267 Fuse 9 30 in battery fuse holder
- S268 Fuse 10 30 in battery fuse holder
- T1j Fitting connector single on starter
- T2ak Fitting connector 2pin on engine compartment
- T2ar Fitting connector 2pin on generator Alternator

- 1 Earth strap battery body
- 49 Earth point near the battery
- 507 Screw connection 30 battery fuse holder

Only for vehicles with air conditioning  
 Only for vehicles with automatic manual transmission  
 Until February 2011  
 From February 2011

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### Ignition switch

- D Ignition switch
- J53 Starter motor relay
- J393 Central control unit for the convenience system
- R Radio
- SC2 Fuse 2 on fuse holder C
- T8a Fitting connector 8pin on ignition switch
- T8f Fitting connector 8pin on radio
- T9o Fitting connector 9pin on starter relay
- T23a Fitting connector 23 poles on central control unit for the convenience system

(B272) Positive connection 30 on main harness

(B298) Positive connection 2 30 on main harness

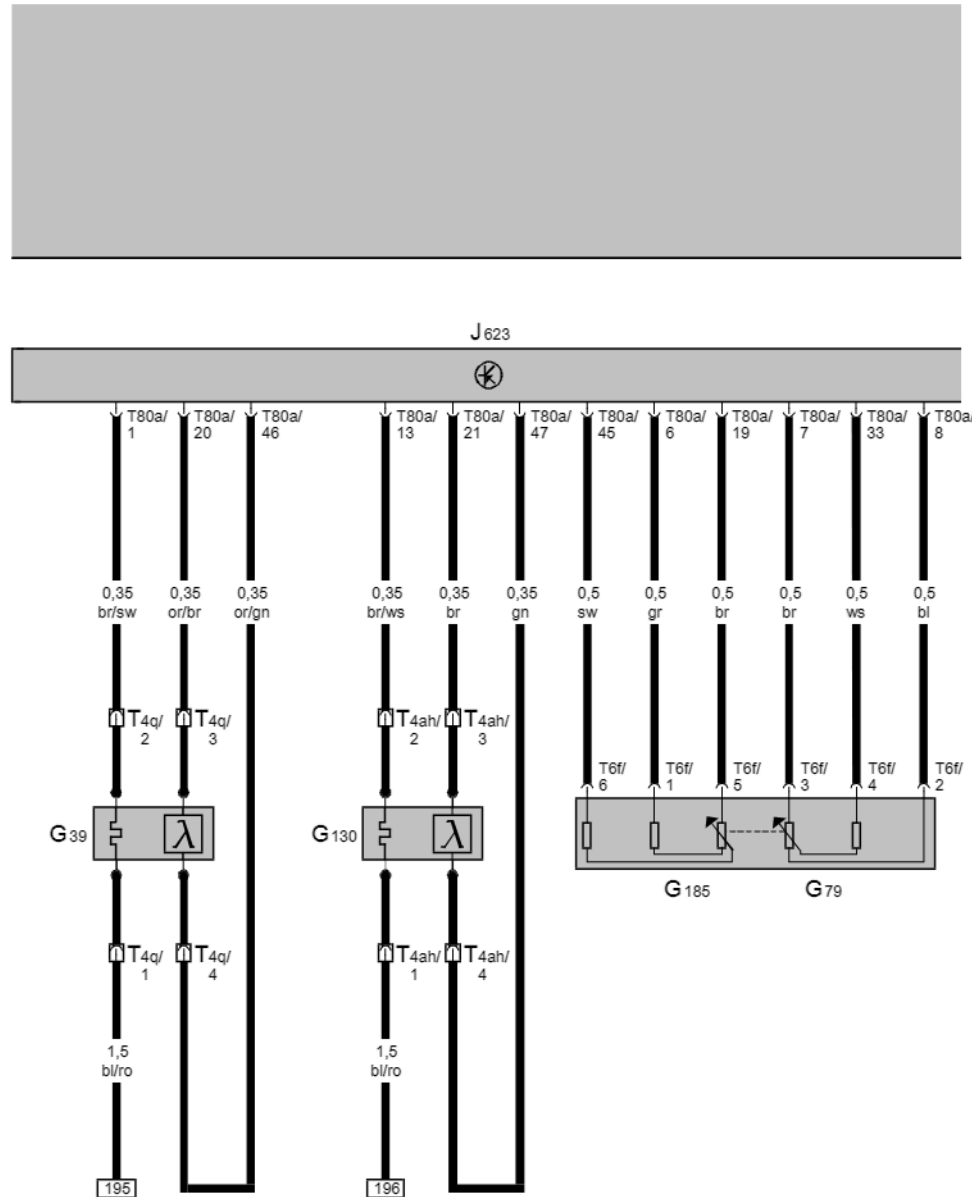
(B518) Connection 86s on main harness

Only for vehicles with automatic manual transmission

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15 16 17 18 19 20 21 22 23 24 25 26 27 28

5Z7-002030511



29 30 31 32 33 34 35 36 37 38 39 40 41 42  
6Z7-002040511

Lambda probe Throttle pedal position sensor Lambda probe  
after catalytic converter Throttle pedal position sensor 2  
Engine control unit

- G39 Lambda probe
- G79 Accelerator position sender
- G130 Lambda probe after catalytic converter
- G185 Accelerator position sender 2
- J623 Engine control unit
- T4q Fitting connector 4pin on Lambda probe
- T4ah Fitting connector 4pin on Lambda probe after catalytic converter
- T6f Fitting connector 6pin on Throttle pedal position sensor
- T80a Fitting connector 80 poles on engine control unit

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External temperature sensor Radiator fan 2nd speed relay  
Engine control unit Magnetic valve 1 for activated charcoal  
container

- G17 Ambient temperature sensor
- J101 Radiator fan 2nd speed relay
- J217 Automatic transmission control unit
- J623 Engine control unit
- J879 Control unit for interactive system
- N80 Activated charcoal filter solenoid valve 1
- T2ae Fitting connector 2pin on Magnetic valve 1 for activated charcoal container
- T2dv Fitting connector 2pin on external temperature sensor
- T9d Fitting connector 9pin on Radiator fan 2nd speed relay
- T10d Fitting connector 10 poles on control unit for interactive system
- T14a Fitting connector 14 poles on left engine compartment
- T80a Fitting connector 80 poles on engine control unit
- T80b Fitting connector 80 poles on automatic transmission control unit

12 Earth point in engine compartment left

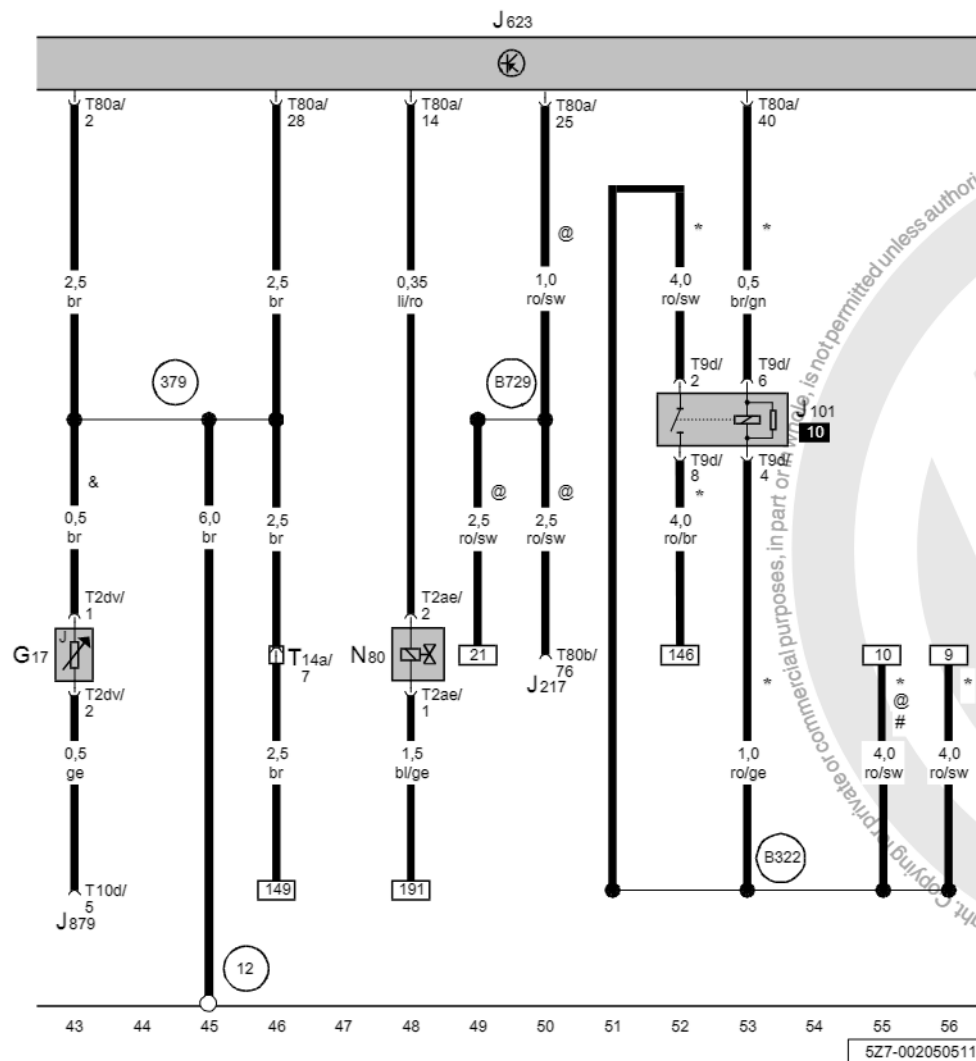
379 Earth connection 14 in main harness

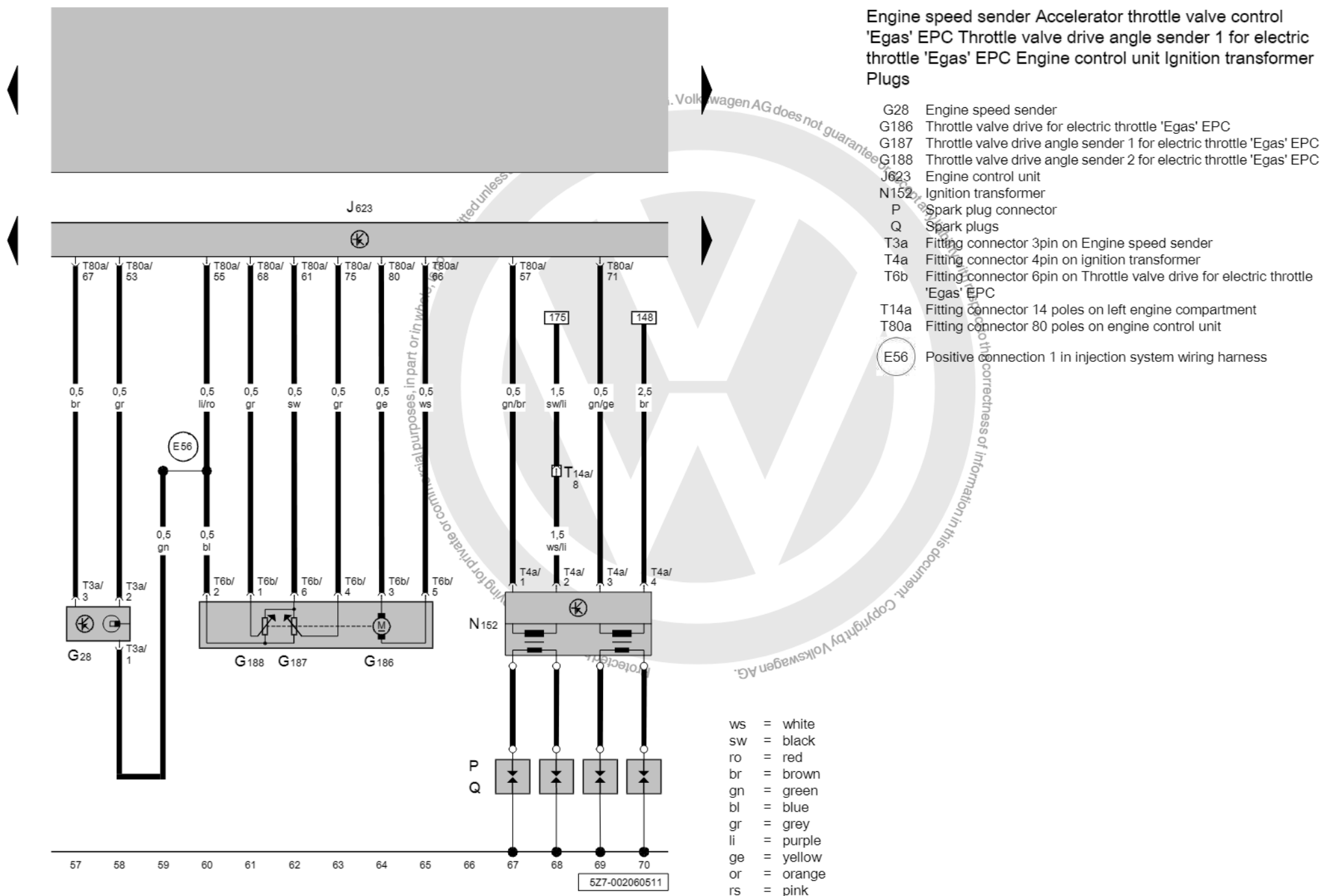
B322 Positive connection 8 30a on main harness

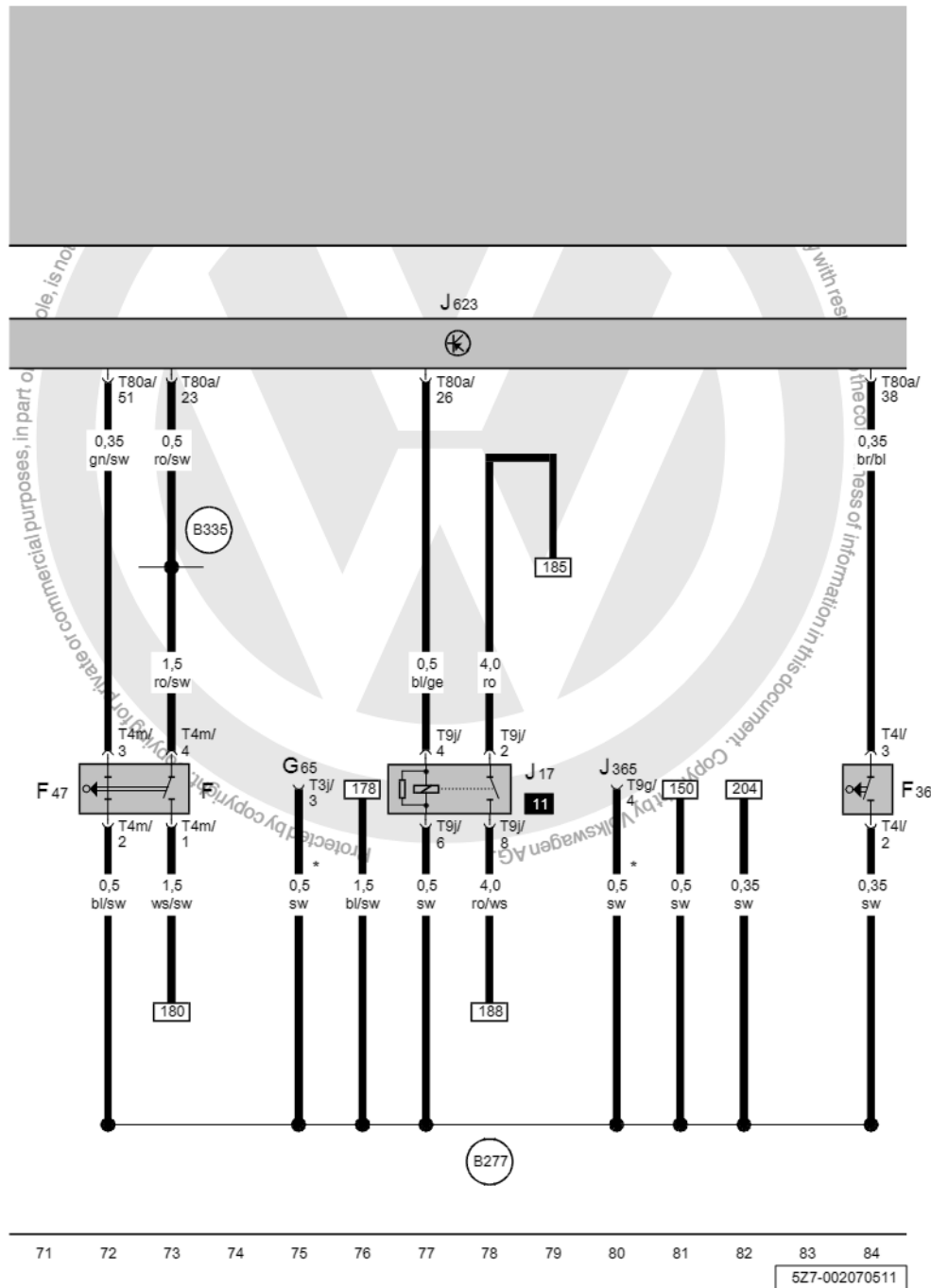
B729 Connection 1 50 on main harness

Only for vehicles with air conditioning  
Only for vehicles with automatic manual transmission  
& Only for vehicles with interactive system  
Until February 2011

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Brake light switch Clutch pedal switch Brake pedal switch  
Fuel pump relay Engine control unit

- |      |   |
|------|---|
| F    | Brake light switch  |
| F36  | Clutch pedal switch   |
| F47  | Brake pedal switch  |
| G65  | High pressure sensor  |
| J17  | Fuel pump relay   |
| J365 | Air conditioning system switchoff relay                           |
| J623 | Engine control unit   |
| T3j  | Fitting connector 3pin on high pressure sensor                    |
| T4l  | Fitting connector 4pin on clutch pedal switch                     |
| T4m  | Fitting connector 4pin on brake pedal switch                      |
| T9g  | Fitting connector 9pin on Air conditioning system switchoff relay |
| T9j  | Fitting connector 9pin on Fuel pump relay                         |
| T80a | Fitting connector 80 poles on engine control unit                 |

(B277) Positive connection 1 15a on main harness

(B335) Connection 1 54 on main harness

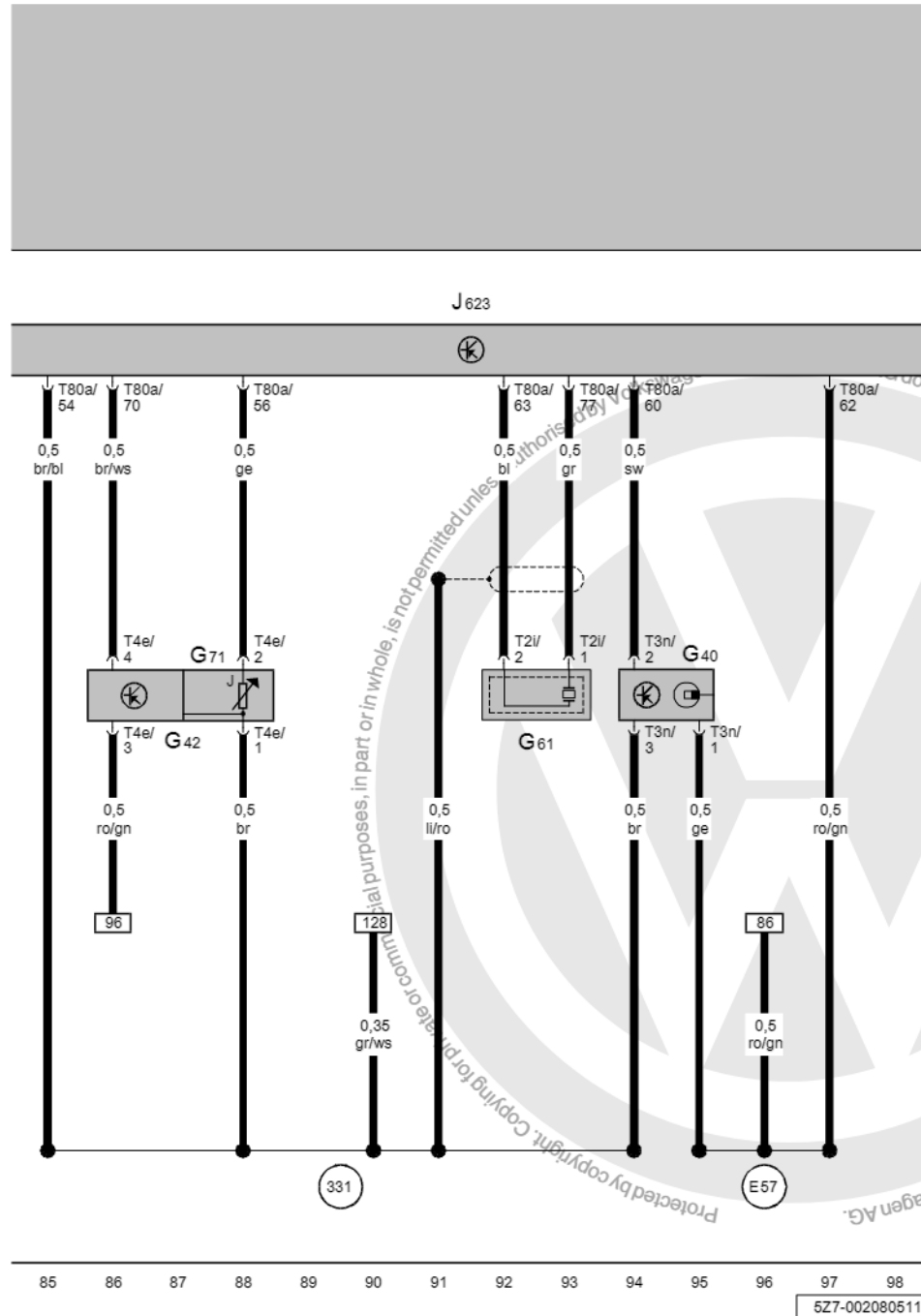
Only for vehicles with air conditioning

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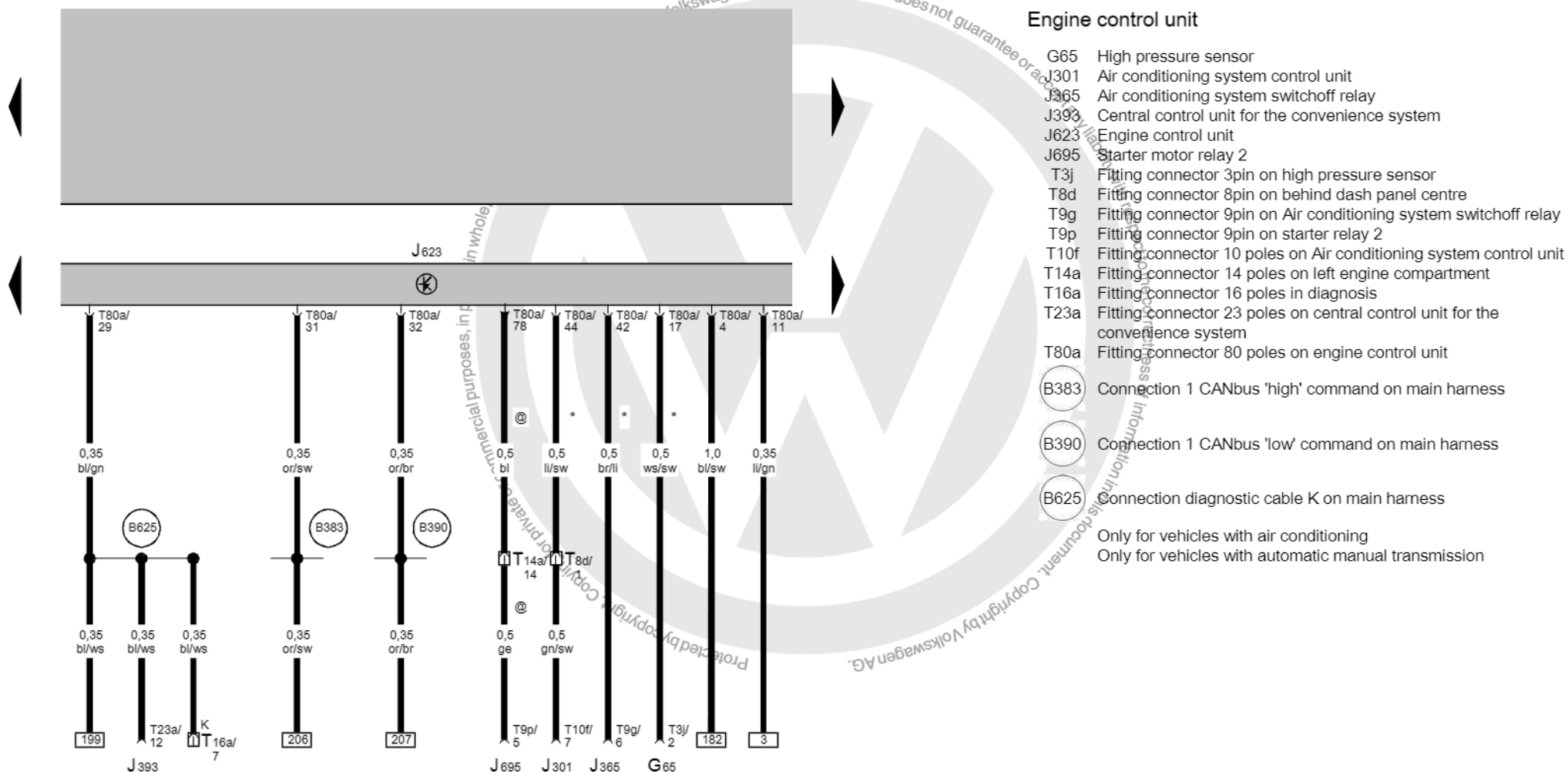
Hall sender Intake air temperature sender Knock sensor 1  
Intake manifold pressure sender Engine control unit

- G40 Hall sender
- G42 Intake air temperature sender
- G61 Knock sensor 1
- G71 Intake manifold pressure sender
- J623 Engine control unit
- T2i Fitting connector 2pin on knock sensor 1
- T3n Fitting connector 3pin on Hall sender
- T4e Fitting connector 4pin on Intake air temperature sender
- T80a Fitting connector 80 poles on engine control unit

- (331) Earth connection in injection system wiring harness
- (E57) Positive connection 2 in injection system wiring harness

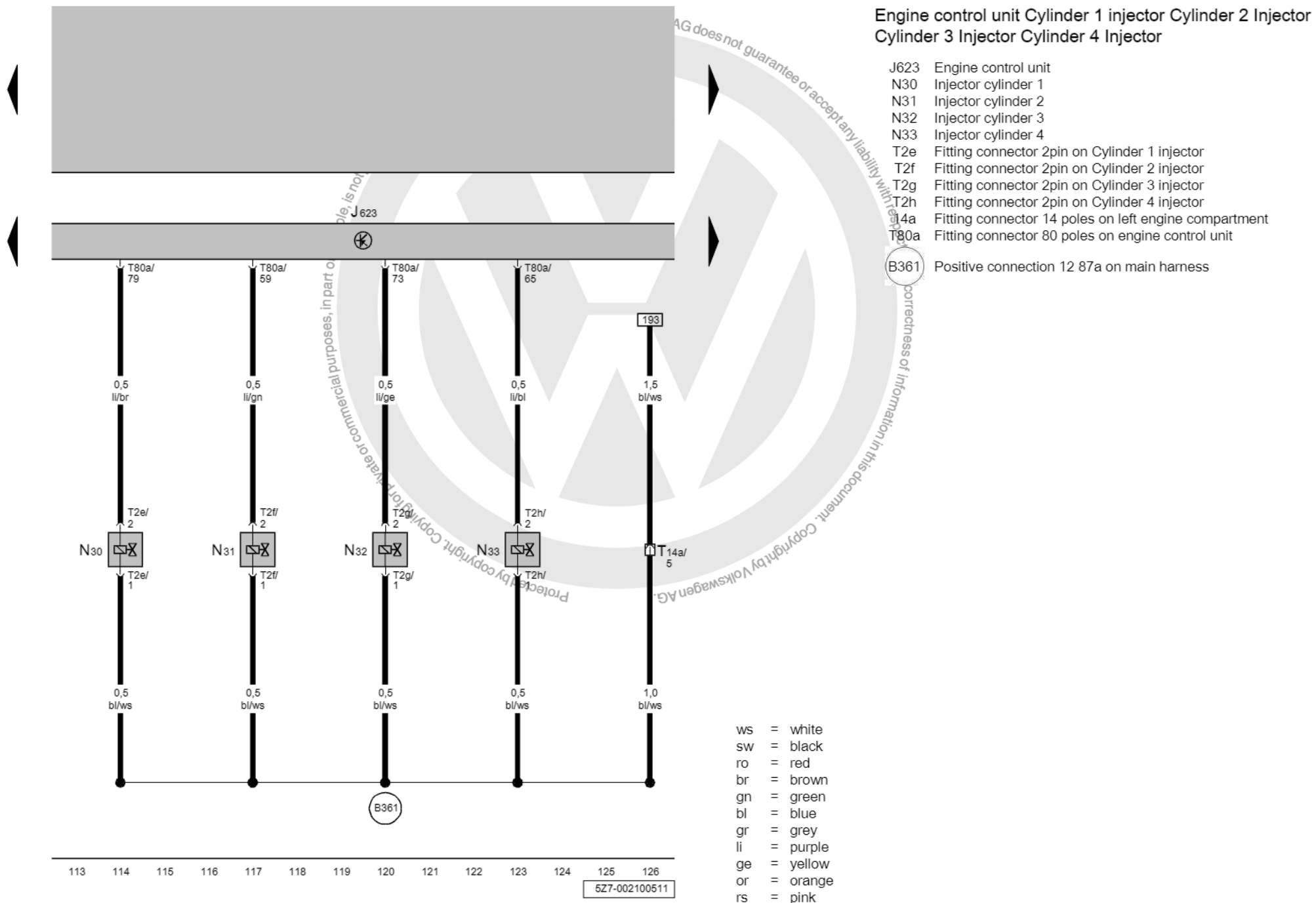


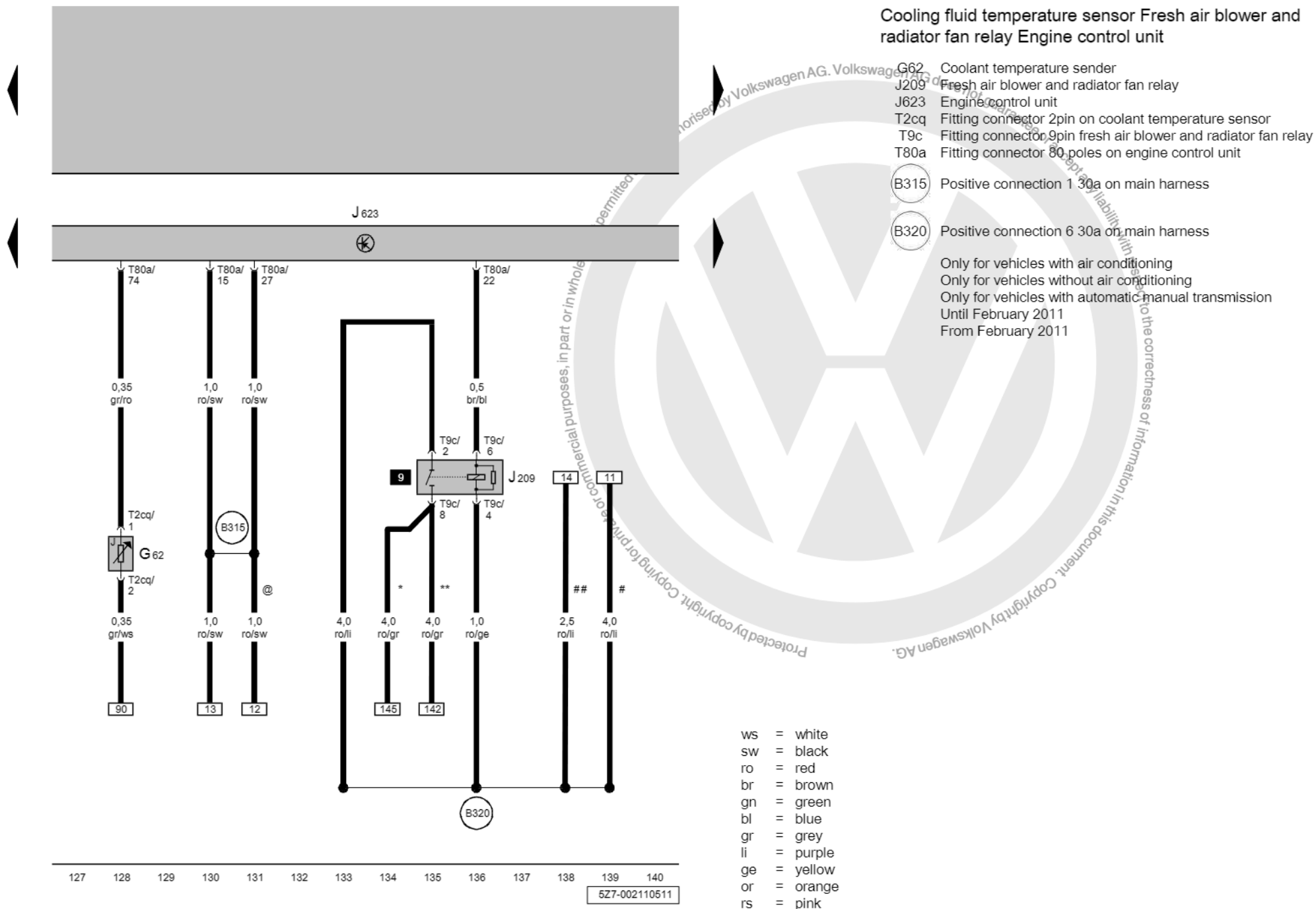
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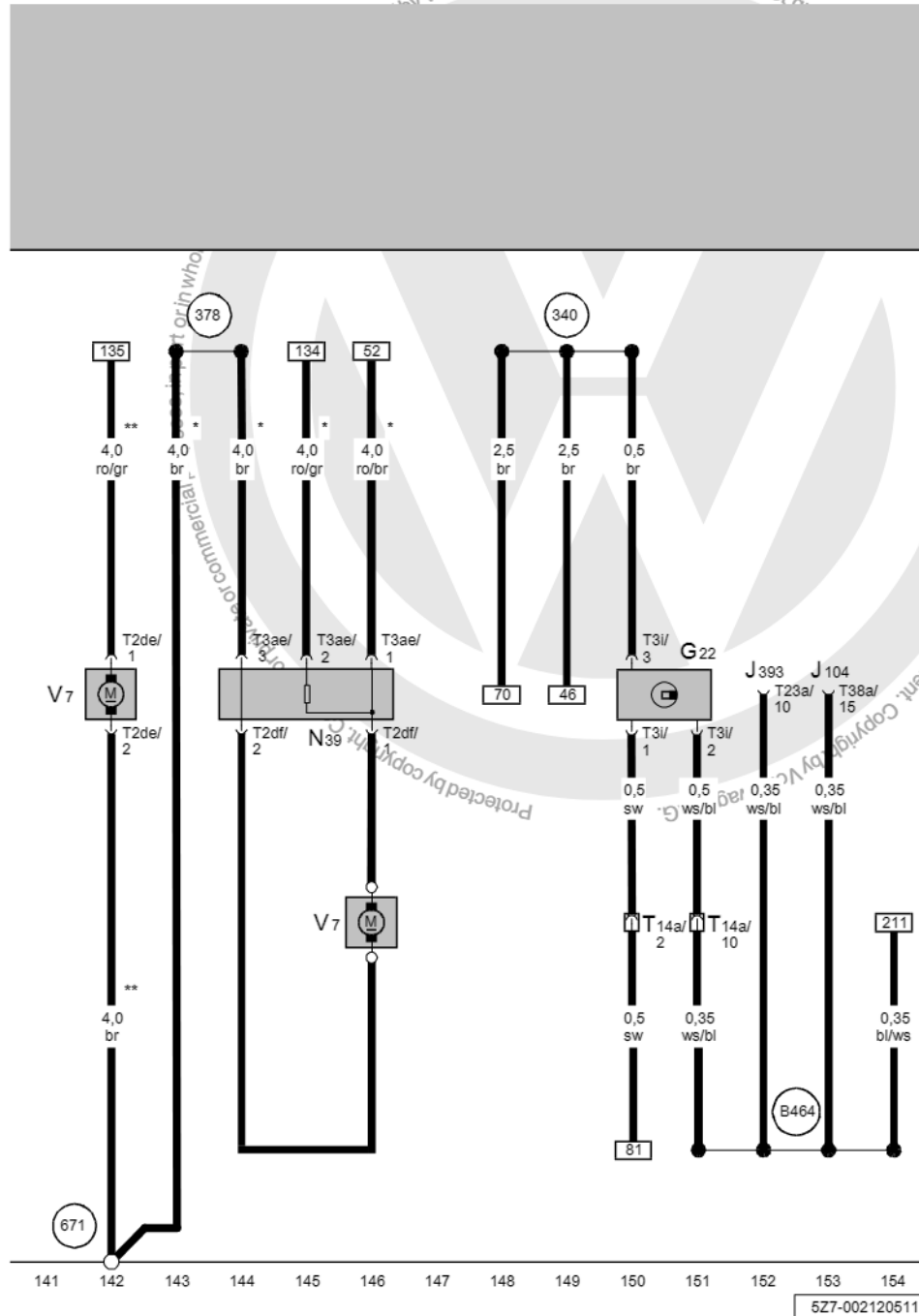


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# Speed sensor Radiator fan series resistor Radiator fan

- G22 Speed sensor
- J104 ABS control unit
- J393 Central control unit for the convenience system
- N39 Radiator fan series resistor
- T2de Fitting connector 2pin on radiator fan
- T2df Fitting connector 2pin on Radiator fan series resistor
- T3i Fitting connector 3pin on speed sensor
- T3ae Fitting connector 3pin on Radiator fan series resistor
- T14a Fitting connector 14 poles on left engine compartment
- T23a Fitting connector 23 poles on central control unit for the convenience system
- T38a Fitting connector 38 poles on ABS control unit
- V7 Radiator fan

340 Earth connection 2 in injection system wiring harness

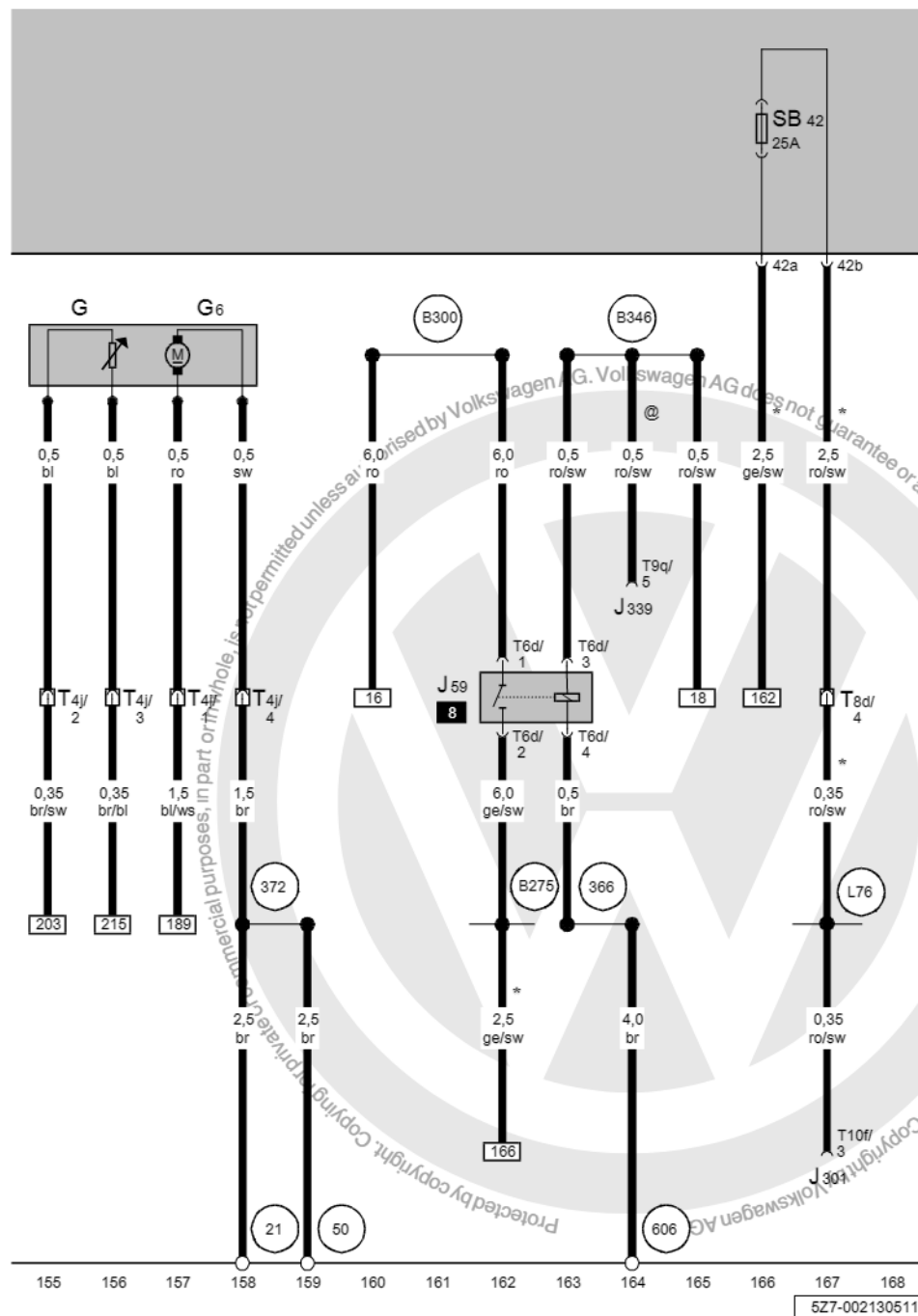
378 Earth connection 13 in main harness

671 Earth point 1 on left front longitudinal member

B464 Connection speed signal on main harness

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Only for vehicles without air conditioning

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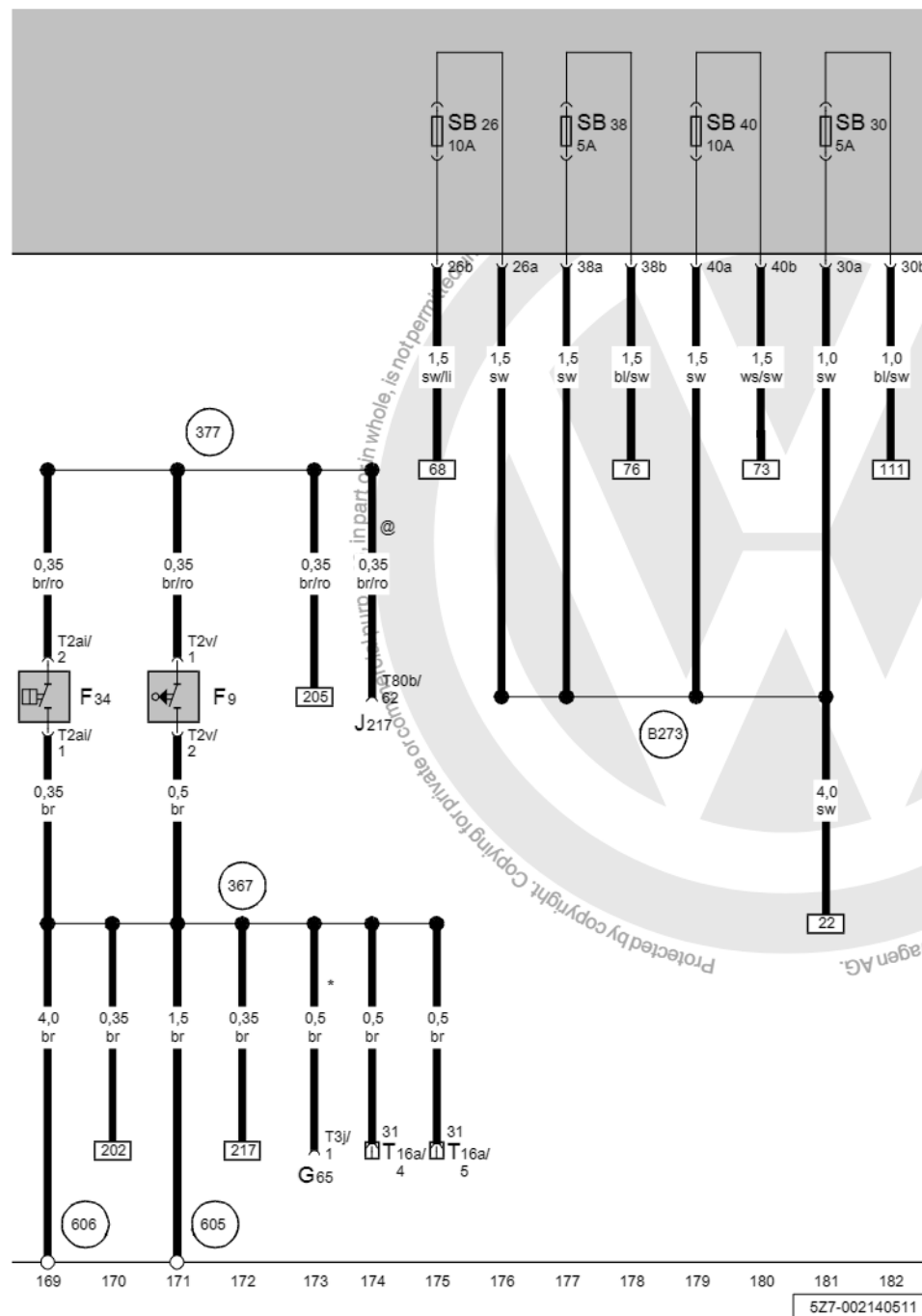
# Fuel gauge sender Fuel pump presupply pump Xcontact relief relay

- G Fuel gauge sender
- G6 Fuel system pressurization pump
- J59 Xcontact relief relay
- J301 Air conditioning system control unit
- J339 X contact relief relay 2
- SB42 Fuse 42 on fuse holder B
- T4j Fitting connector 4pin on Fuel pump presupply pump
- T6d Fitting connector 6pin in Xcontact relief relay
- T8d Fitting connector 8pin behind instrument panel centre
- T9q Fitting connector 9pin in Xcontact relief relay 2
- T10f Fitting connector 10 poles on Air conditioning system control unit

- 21 Earth point near fuel pump
- 50 Earth point on left luggage compartment
- 366 Earth connection 1 in main harness
- 372 Earth connection 7 in main harness
- 606 Earth point under the centre console near the selection lever
- B275 Positive connection 87 on main harness
- B300 Positive connection 4 30 on main harness
- B346 Connection 1 75 on main harness
- L76 Connection 87 on air conditioning wiring harness

Only for vehicles with air conditioning  
Only for vehicles with automatic manual transmission

- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

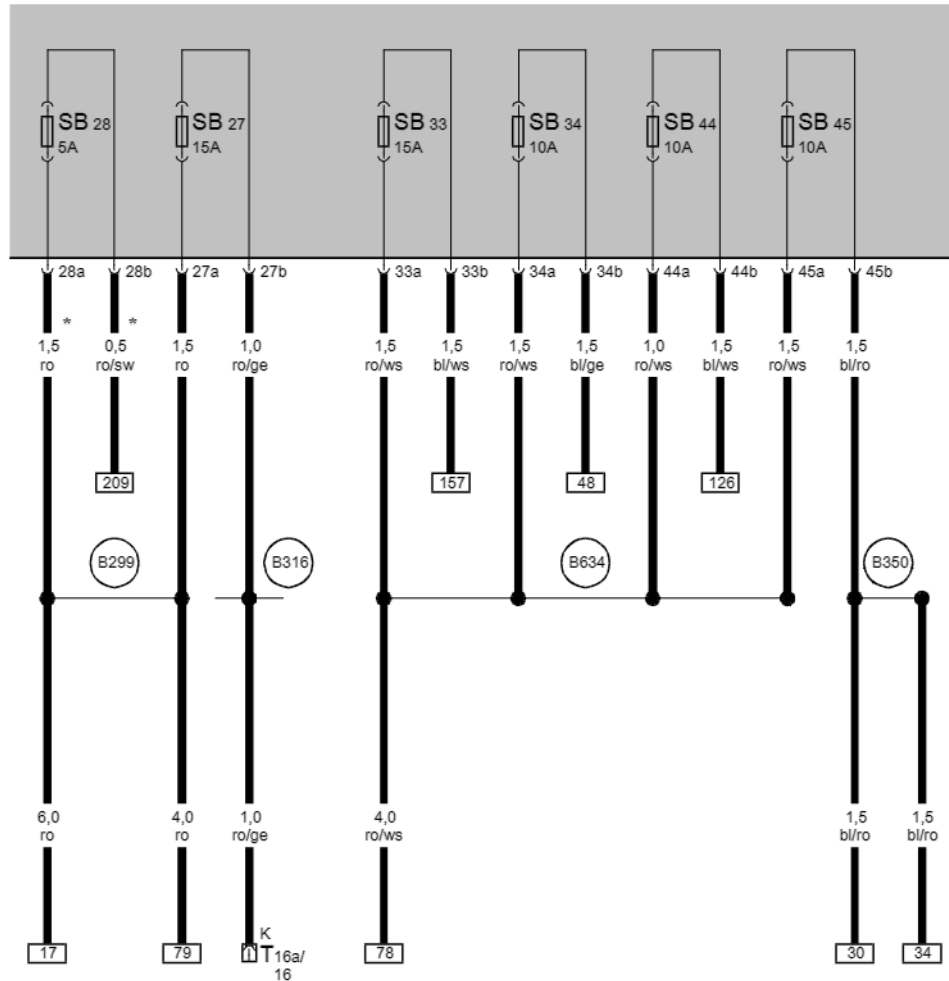


# Park brake control switch Brake oil level warning contact

- F9 Handbrake warning switch
- F34 Brake oil level warning contact
- G65 High pressure sensor
- J217 Automatic transmission control unit
- SB26 Fuse 26 on fuse holder B
- SB30 Fuse 30 on fuse holder B
- SB38 Fuse 38 on fuse holder B
- SB40 Fuse 40 on fuse holder B
- T2v Fitting connector 2pin on Park brake control switch
- T2ai Fitting connector 2pin on Brake oil level warning contact
- T3j Fitting connector 3pin on high pressure sensor
- T16a Fitting connector 16 poles in diagnosis
- T80b Fitting connector 80 poles on automatic transmission control unit

- 367 Earth connection 2 in main harness
- 377 Earth connection 12 in main harness
- 605 Earth point in upper steering column area
- 606 Earth point under the centre console near the selection lever
- B273 Positive connection 15 on main harness
- Only for vehicles with air conditioning
- Only for vehicles with automatic manual transmission

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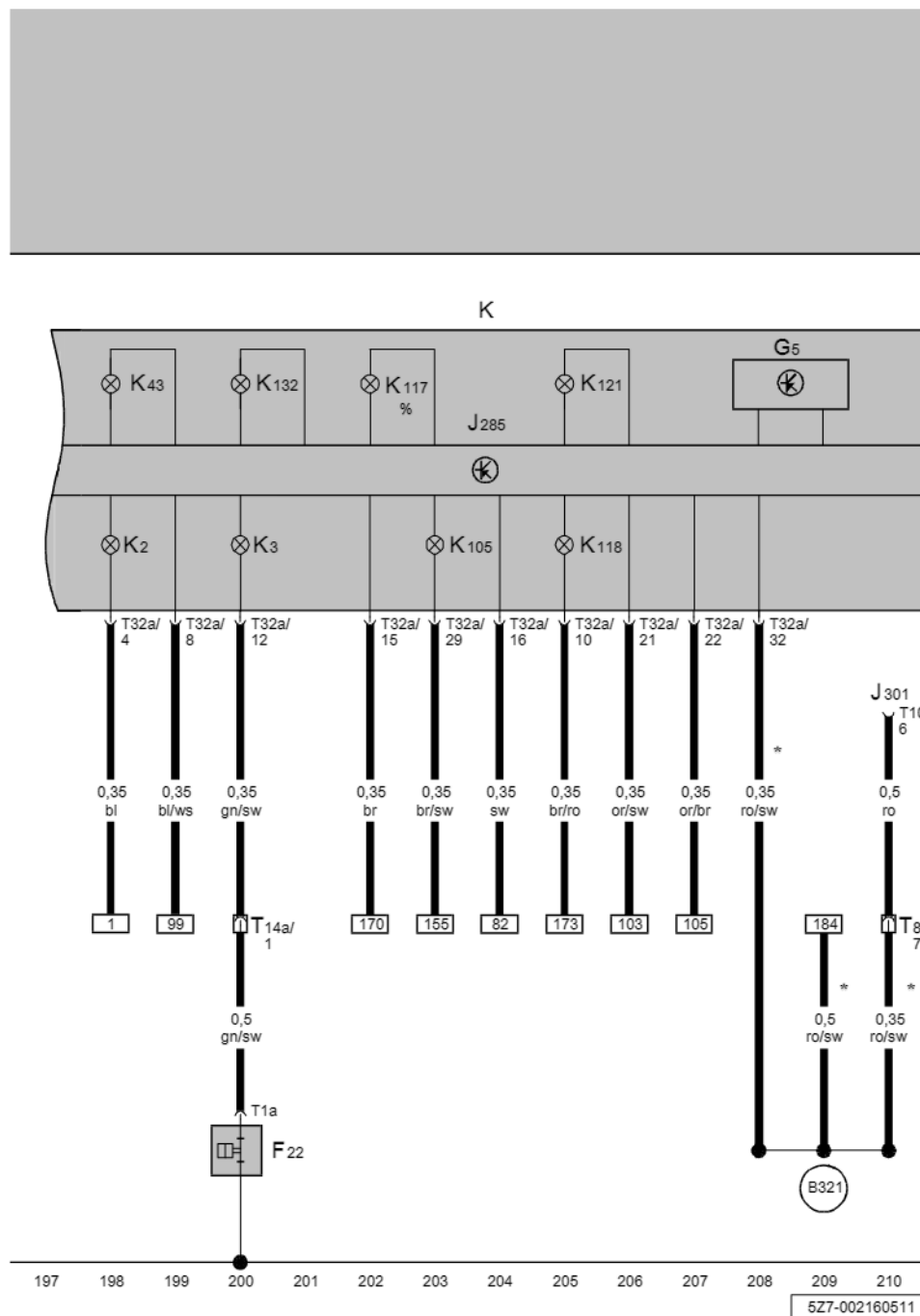
## Fuses

- SB27 Fuse 27 on fuse holder B
- SB28 Fuse 28 of fuse holder B
- SB33 Fuse 33 of fuse holder B
- SB34 Fuse 34 of fuse holder B
- SB44 Fuse 44 of fuse holder B
- SB45 Fuse 45 of fuse holder B
- T16a Fitting connector 16 poles in diagnosis

- B299 Positive connection 3 30 on main harness
- B316 Positive connection 2 30a on main harness
- B350 Positive connection 1 87a on main harness
- B634 Positive connection 2 87 on main harness

Only for vehicles with air conditioning

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Oil pressure switch Tachometer Control unit w indicator on the combined instrument Combined instrument Alternator warning lamp Oil pressure control light

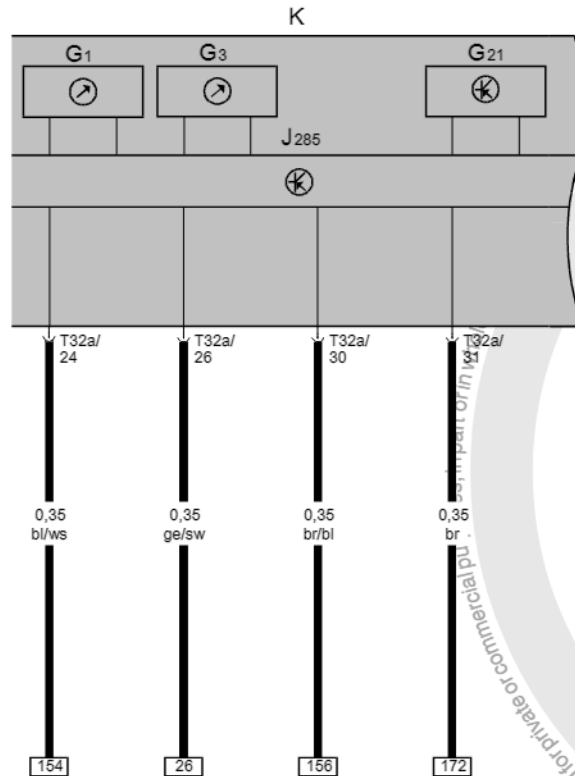
- F22 Oil pressure switch
- G5 Tachometer
- J285 Control unit w indicator on the combined instrument
- J301 Air conditioning system control unit
- K Combined instrument
- K2 Alternator control light
- K3 Oil pressure control light
- K43 Coolant temperature control light
- K105 Fuel reserve control light
- K117 Immobilizer control light
- K118 Brake system control light
- K121 Malfunction warning lamp
- K132 'Egas' system failure indicator light
- T1a Fitting connector single on oil pressure switch
- T8d Fitting connector 8pin on behind dash panel centre
- T10f Fitting connector 10 poles on Air conditioning system control unit
- T14a Fitting connector 14 poles on left engine compartment
- T32a Fitting connector 32 poles on Control unit w indicator on the combined instrument

(B321) Positive connection 7 30a on main harness

Only for vehicles with air conditioning  
Until December 2010

Fuel level indicator Coolant temperature indicator Speedometer  
Control unit w indicator on the combined instrument Combined  
instrument

- G1 Fuel level indicator
- G3 Coolant temperature indicator
- G21 Speedometer
- J285 Control unit w indicator on the combined instrument
- K Combined instrument
- T32a Fitting connector 32 poles on Control unit w indicator on the combined instrument



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211 212 213 214 215 216 217 218 219 220 221 222 223 224

5Z7-002170511



## Convenience System

From March 2010

### Notes

For information about

◆ Location of relay and fuse

◆ Connectors

◆ Control units

◆ Earth points

⇒ See fitting locations

For information about

◆ Assisted fault pinpointing

⇒ See Guided functions

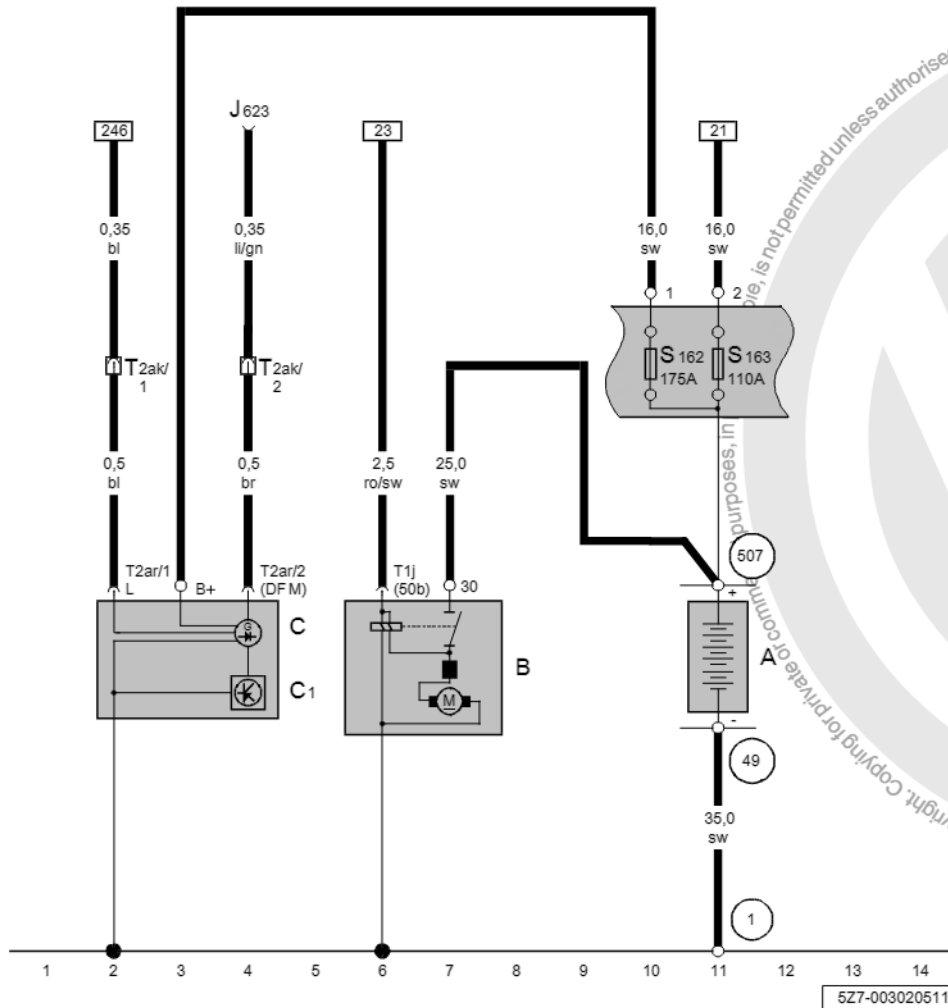




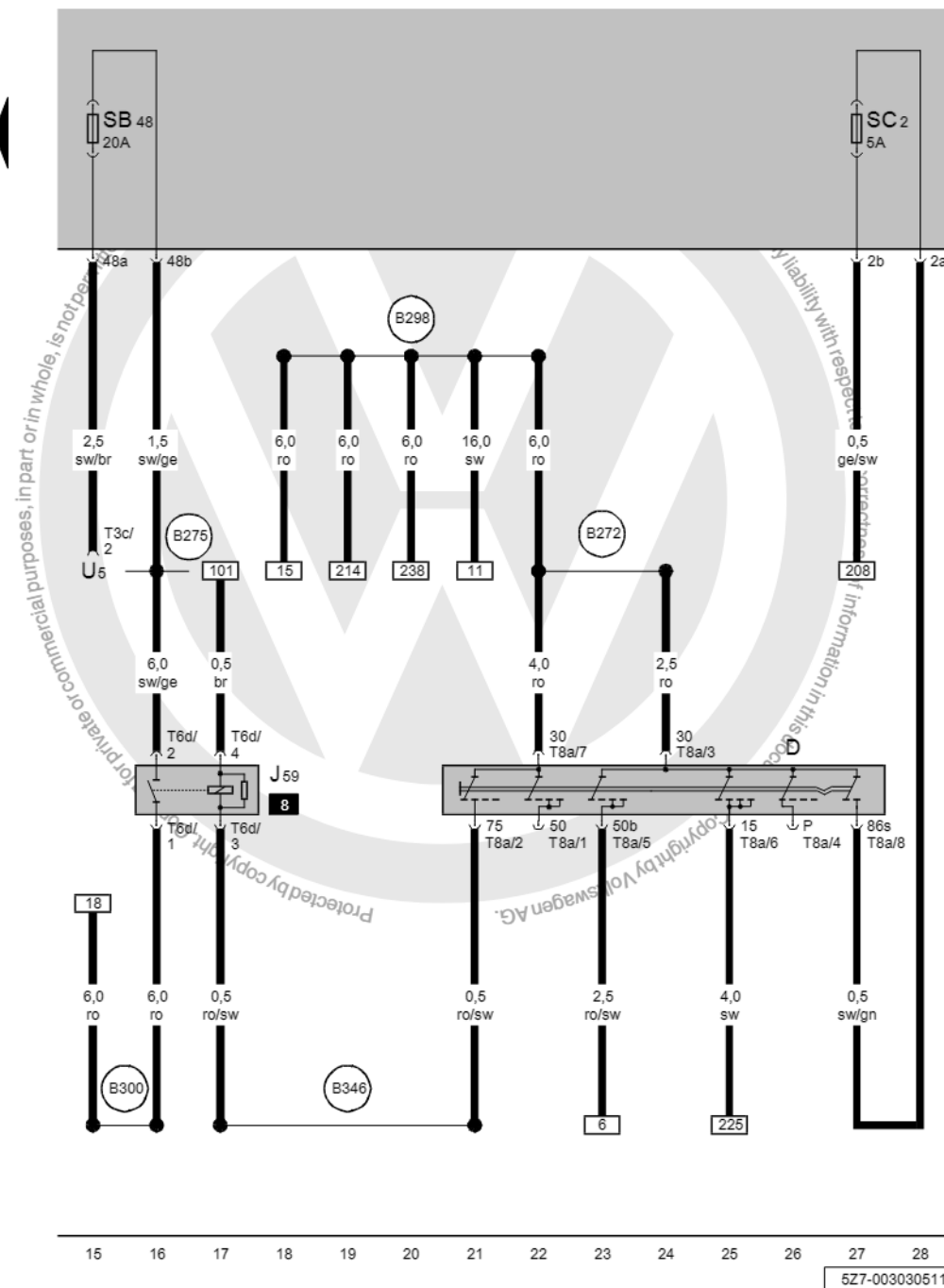
Battery Starter Generator Alternator Voltage regulator

- A Battery
- B Starter
- C Generator Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 30 in battery fuse holder
- S163 Fuse 2 30 in battery fuse holder
- T1j Fitting connector single on starter
- T2ak Fitting connector 2pin on engine compartment
- T2ar Fitting connector 2pin on generator alternator

- 1 Earth strap battery body
- 49 Earth point near the battery
- 507 Screw connection 30 battery fuse holder



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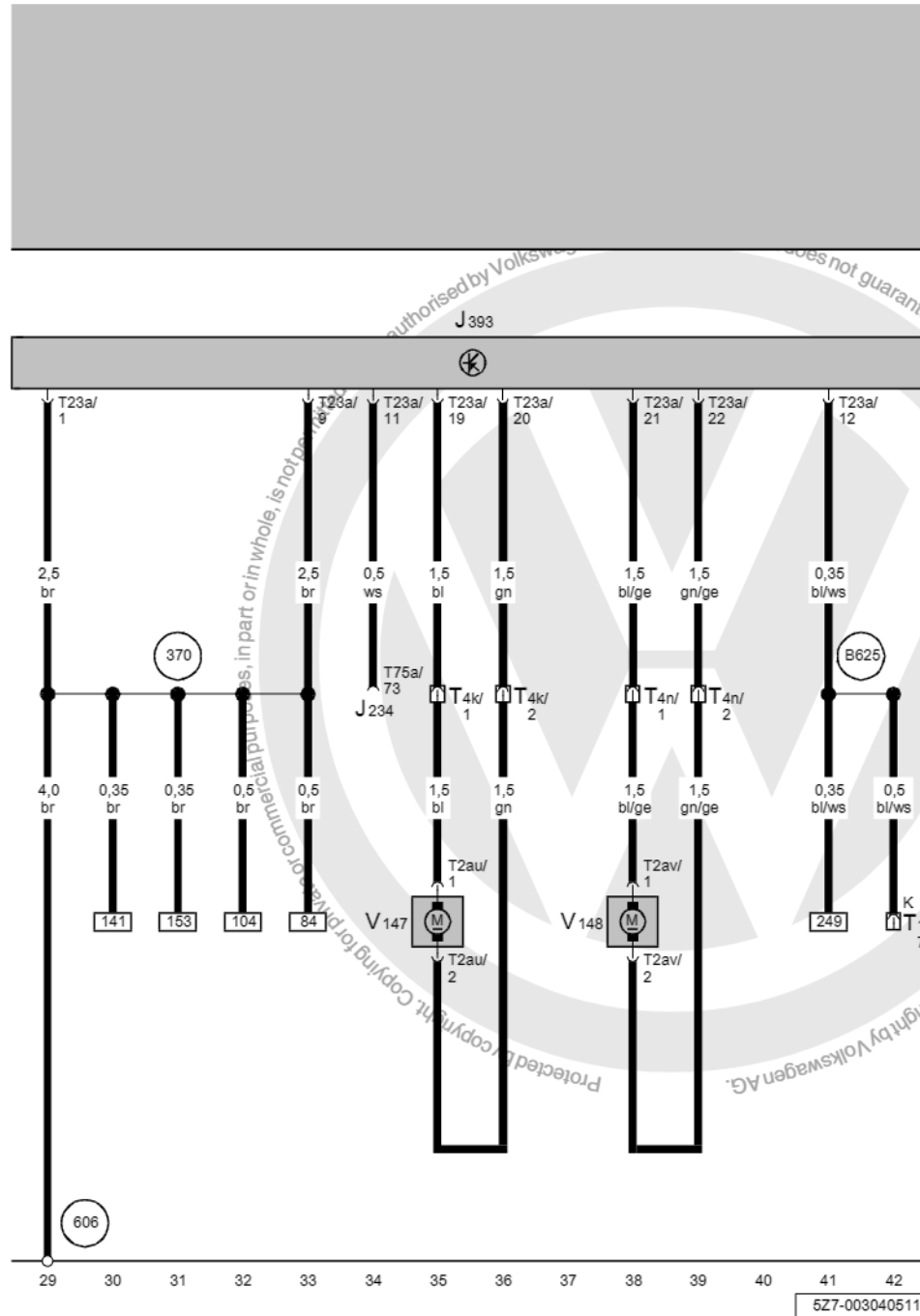


### Ignition switch Xcontact relief relay

- D Ignition switch
- J59 Xcontact relief relay
- SB48 Fuse 48 on fuse holder B
- SC2 Fuse 2 on fuse holder C
- T3c Fitting connector 3pin on 12volt socket
- T6d Fitting connector 6pin in Xcontact relief relay
- T8a Fitting connector 8pin on ignition switch
- U5 12volt socket

- B272 Positive connection 30 on main harness
- B275 Positive connection 87 on main harness
- B298 Positive connection 2 30 on main harness
- B300 Positive connection 4 30 on main harness
- B346 Connection 1 75 on main harness

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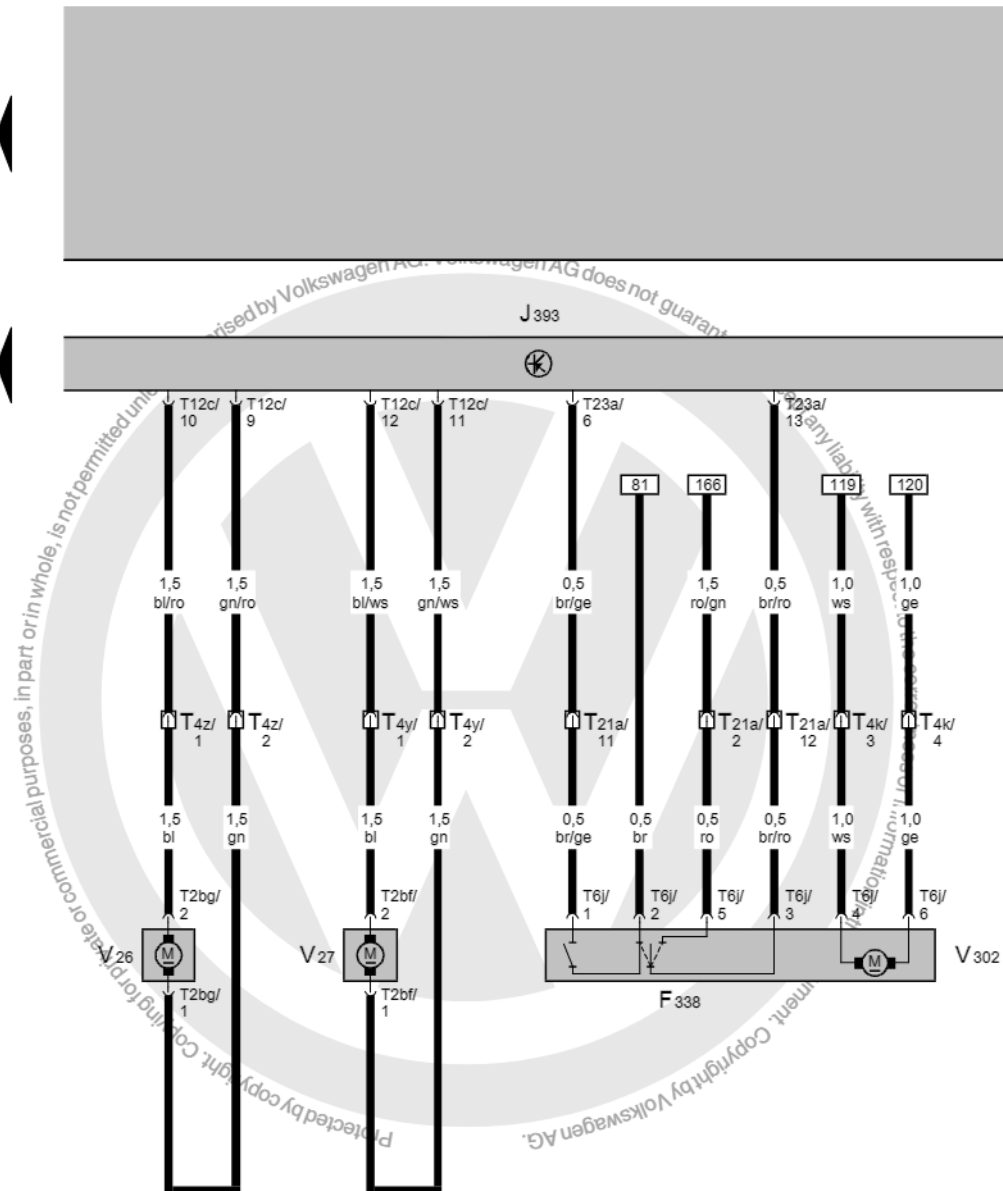


Central control unit for the convenience system  
Driver side window regulator motor  
Front passenger side window regulator motor

- J234 Airbag control unit
- J393 Central control unit for the convenience system
- T2au Fitting connector 2pin in Driver side window regulator motor
- T2av Fitting connector 2pin in Front passenger side window regulator motor
- T4k Fitting connector 4pin for front left door
- T4n Fitting connector 4pin for front right door
- T16a Fitting connector 16 poles in diagnosis
- T23a Fitting connector 23 poles on central control unit for the convenience system
- T75a Fitting connector 75 poles on airbag control unit
- V147 Driver side window regulator motor
- V148 Front passenger side window regulator motor

- 370 Earth connection 5 in main harness
- 606 Earth point under the centre console near the selection lever
- B625 Connection diagnostic cable K on main harness

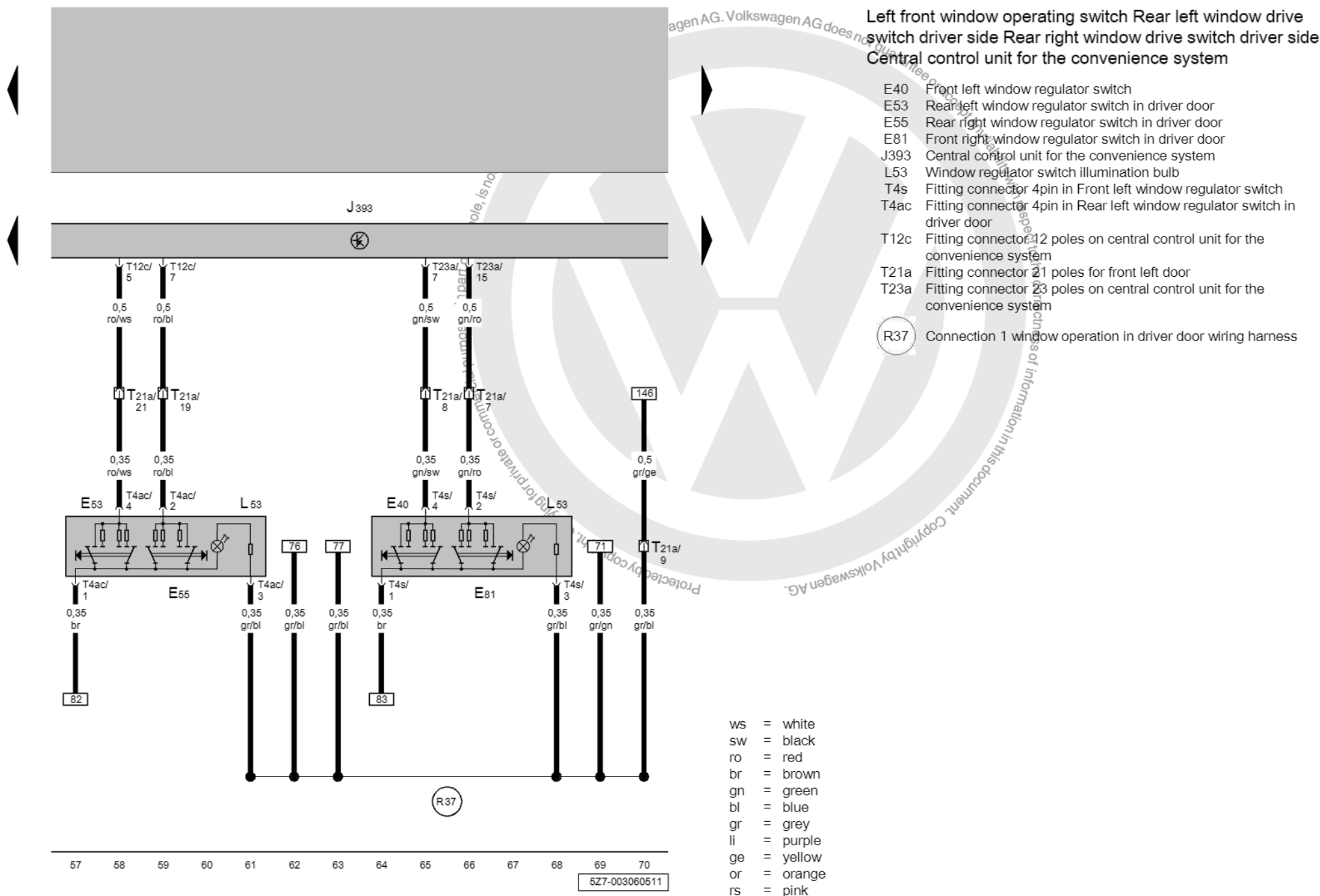
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rs = pink

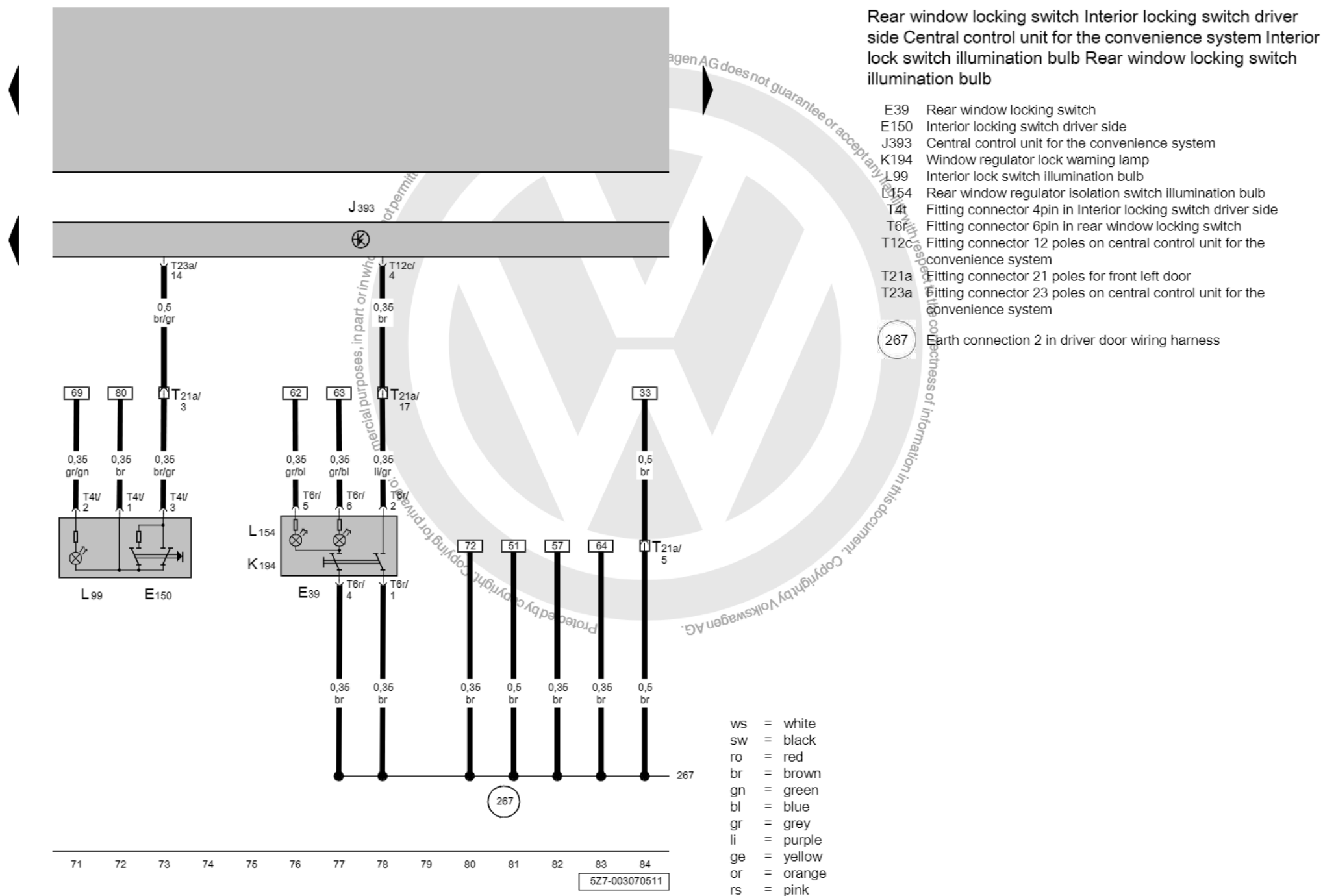


Driver door power latching system contact switch Central control unit for the convenience system Rear left window regulator motor Rear right window regulator motor Driver door power latching motor

- F338 Driver door power latching system contact switch
- J393 Central control unit for the convenience system
- T2bf Fitting connector 2pin in rear right window regulator motor
- T2bg Fitting connector 2pin in rear left window regulator motor
- T4y Fitting connector 4pin for front left door
- T4z Fitting connector 4pin for rear right door
- T4z Fitting connector 4pin for rear left door
- T6j Fitting connector 6pin in Driver door power latching motor
- T12c Fitting connector 12 poles on central control unit for the convenience system
- T21a Fitting connector 21 poles for front left door
- T23a Fitting connector 23 poles on central control unit for the convenience system
- V26 Rear left window regulator motor
- V27 Rear right window regulator motor
- V302 Driver door power latching motor

ws = white  
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 rs = pink



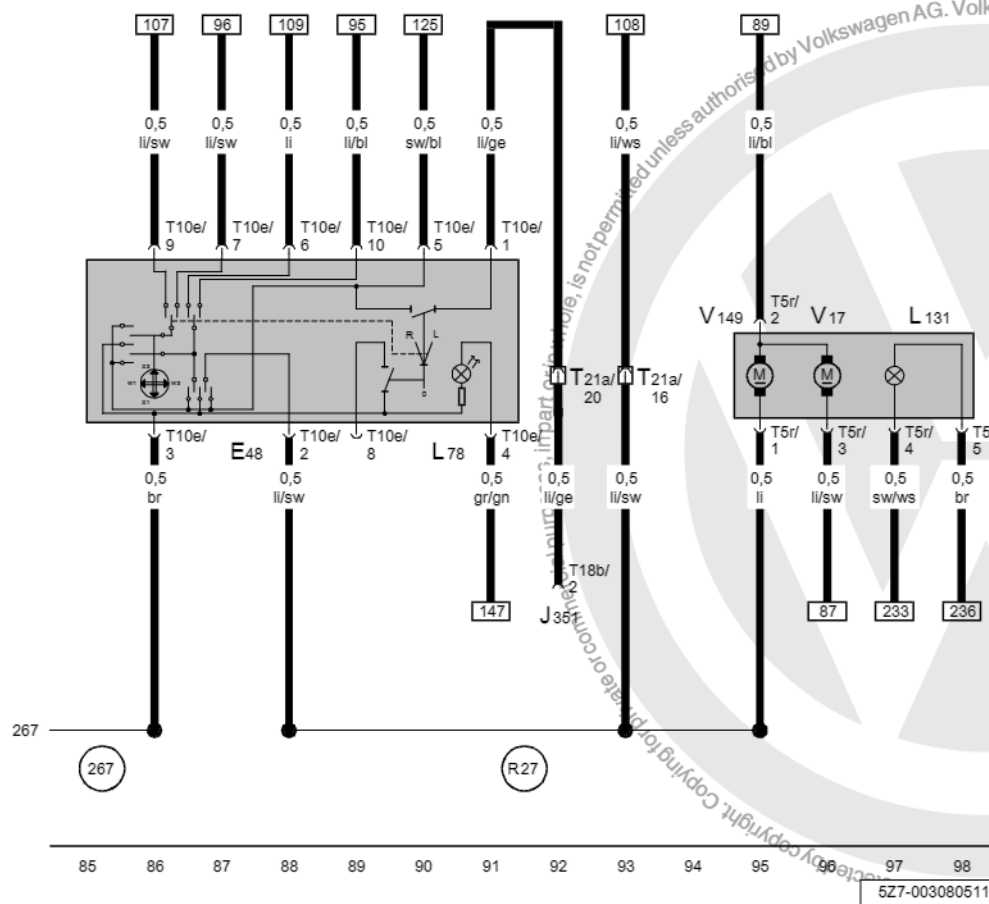


Rearview mirrors adjustment switch Central control unit for the convenience system Mirror adjustment switch illumination bulb Driver side turn signal repeater bulb Driver side mirror adjustment motor

- E48 Mirror adjustment changeover switch
- J351 Folding exterior mirror control unit
- J393 Central control unit for the convenience system
- L78 Mirror adjustment switch illumination bulb
- L131 Driver side turn signal repeater bulb
- T5r Fitting connector 5pin in Driver side mirror adjustment motor
- T10e Fitting connector 10 poles on rearview mirror adjustment switch
- T18b Fitting connector 18 poles on Folding exterior mirror control unit
- T21a Fitting connector 21 poles for front left door
- V17 Driver side mirror adjustment motor
- V149 Driver side mirror adjustment motor

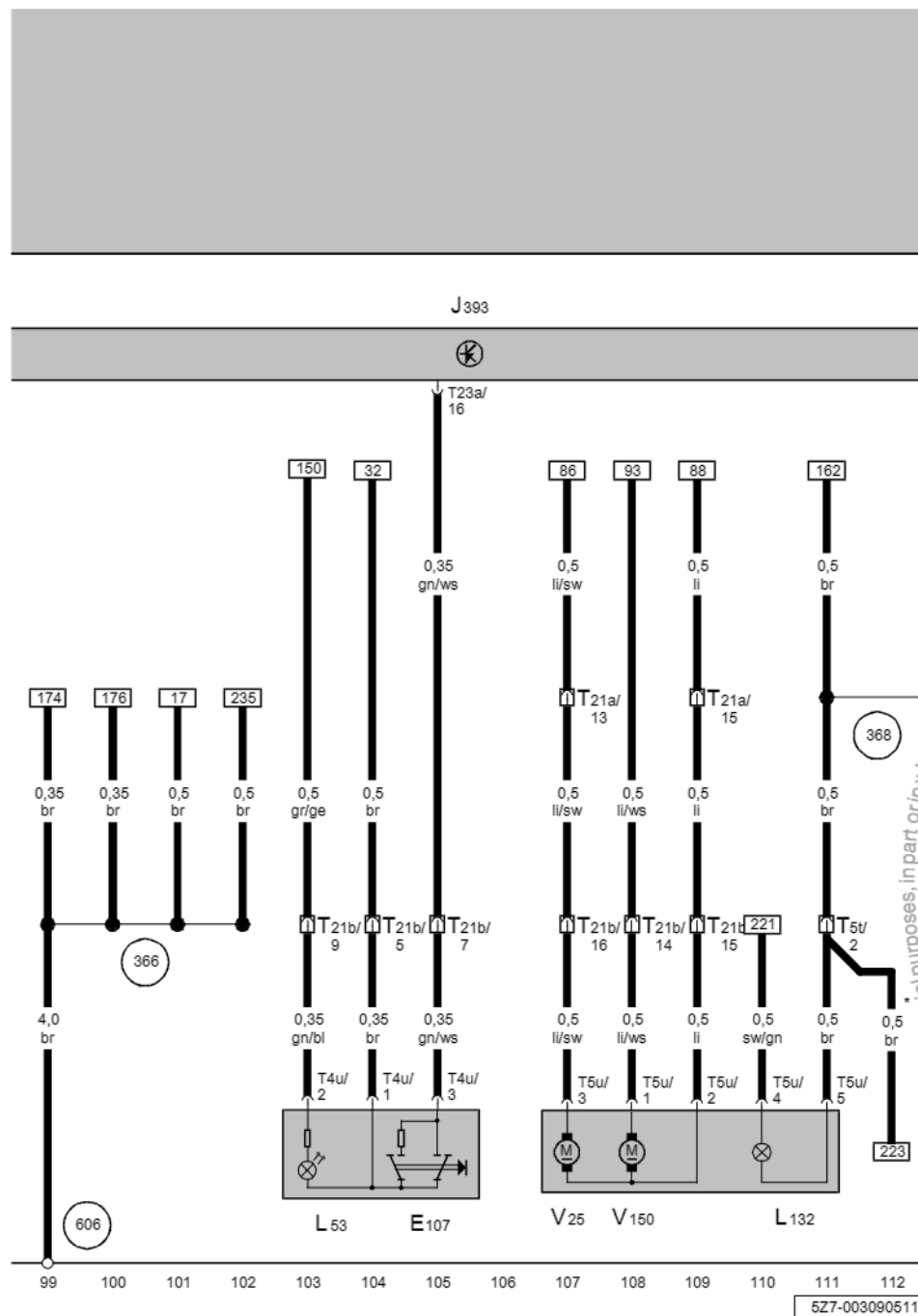
267 Earth connection 2 in driver door wiring harness

R27 Connection rearview mirror adjustment in driver door wiring harness



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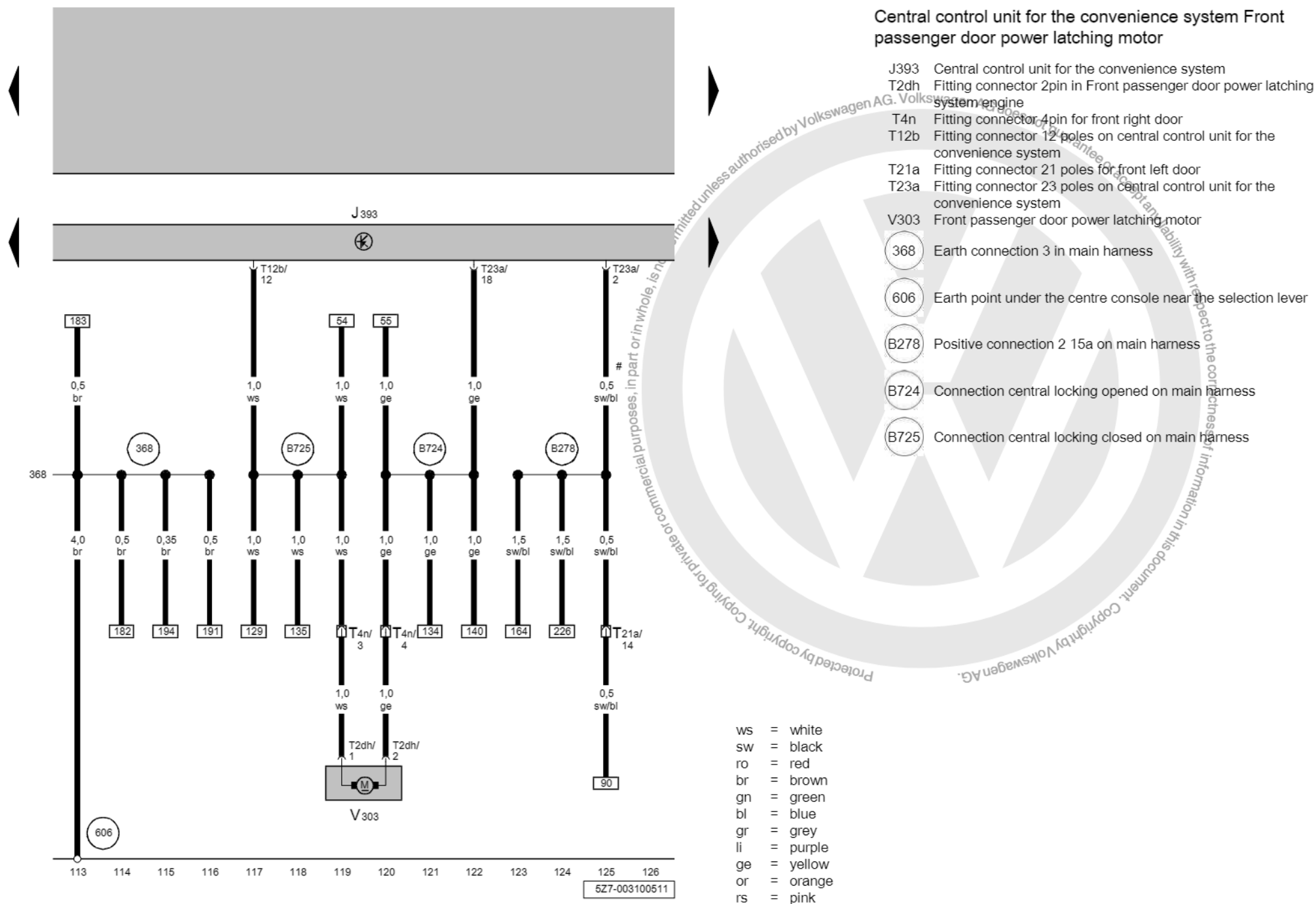


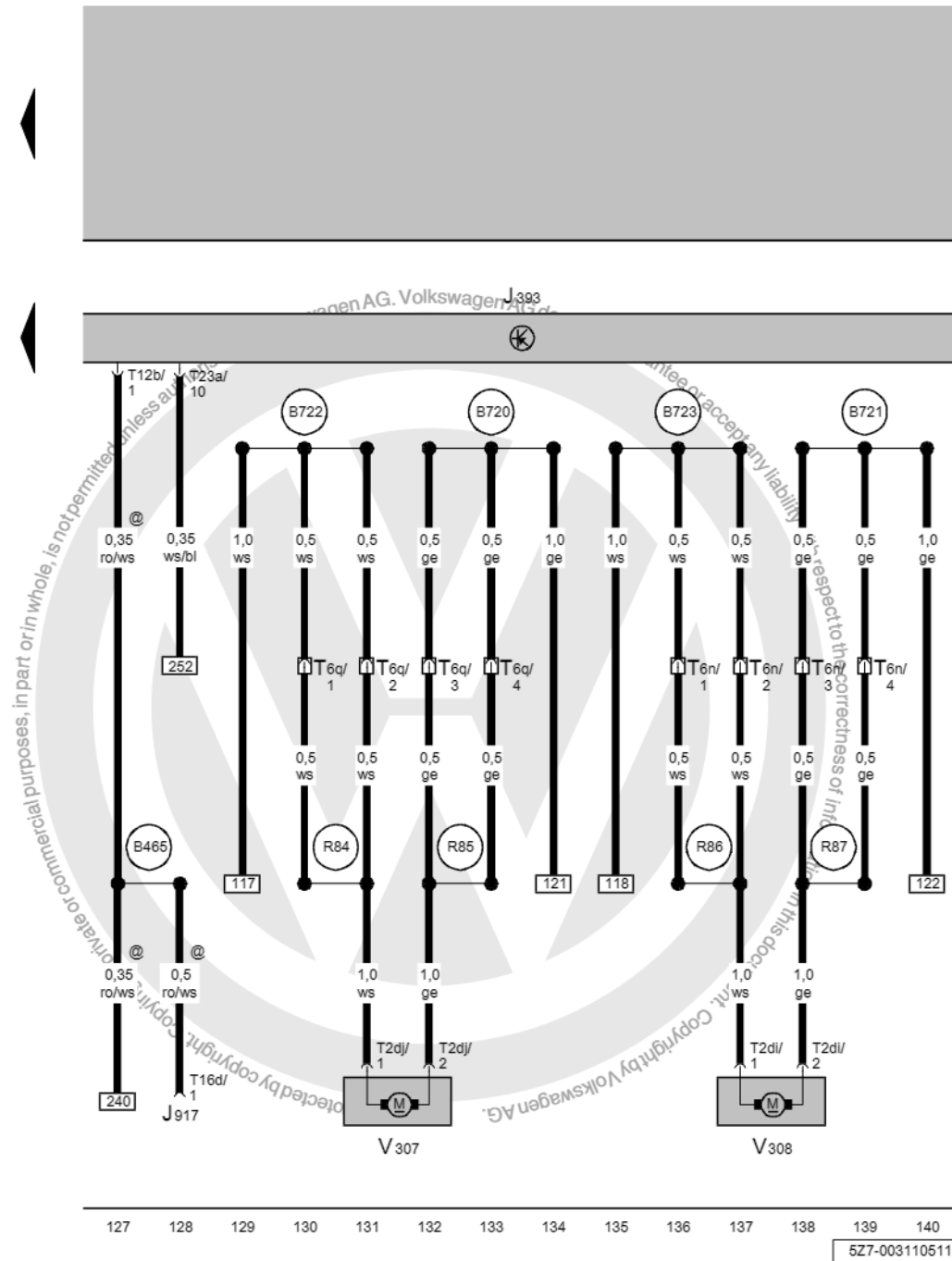
Window regulator switch in front passenger door  
Central control unit for the convenience system  
Window regulator switch illumination bulb  
Front passenger mirror side turn signal repeater bulb

- E107 Window regulator switch in front passenger door
- J393 Central control unit for the convenience system
- L53 Window regulator switch illumination bulb
- L132 Front passenger side mirror turn signal repeater bulb
- T4u Fitting connector 4pin in Window regulator switch in front passenger door
- T5u Fitting connector 5pin in Front passenger side mirror adjustment motor
- T5t Fitting connector 5pin for front right door
- T21a Fitting connector 21 poles for front left door
- T21b Fitting connector 21 poles for front right door
- T23a Fitting connector 23 poles on central control unit for the convenience system
- V25 Front passenger side mirror adjustment motor
- V150 Front passenger side mirror adjustment motor

- 366 Earth connection 1 in main harness
  - 368 Earth connection 3 in main harness
  - 606 Earth point under the centre console near the selection lever
- Only for vehicles without electric operation of external rear view mirrors

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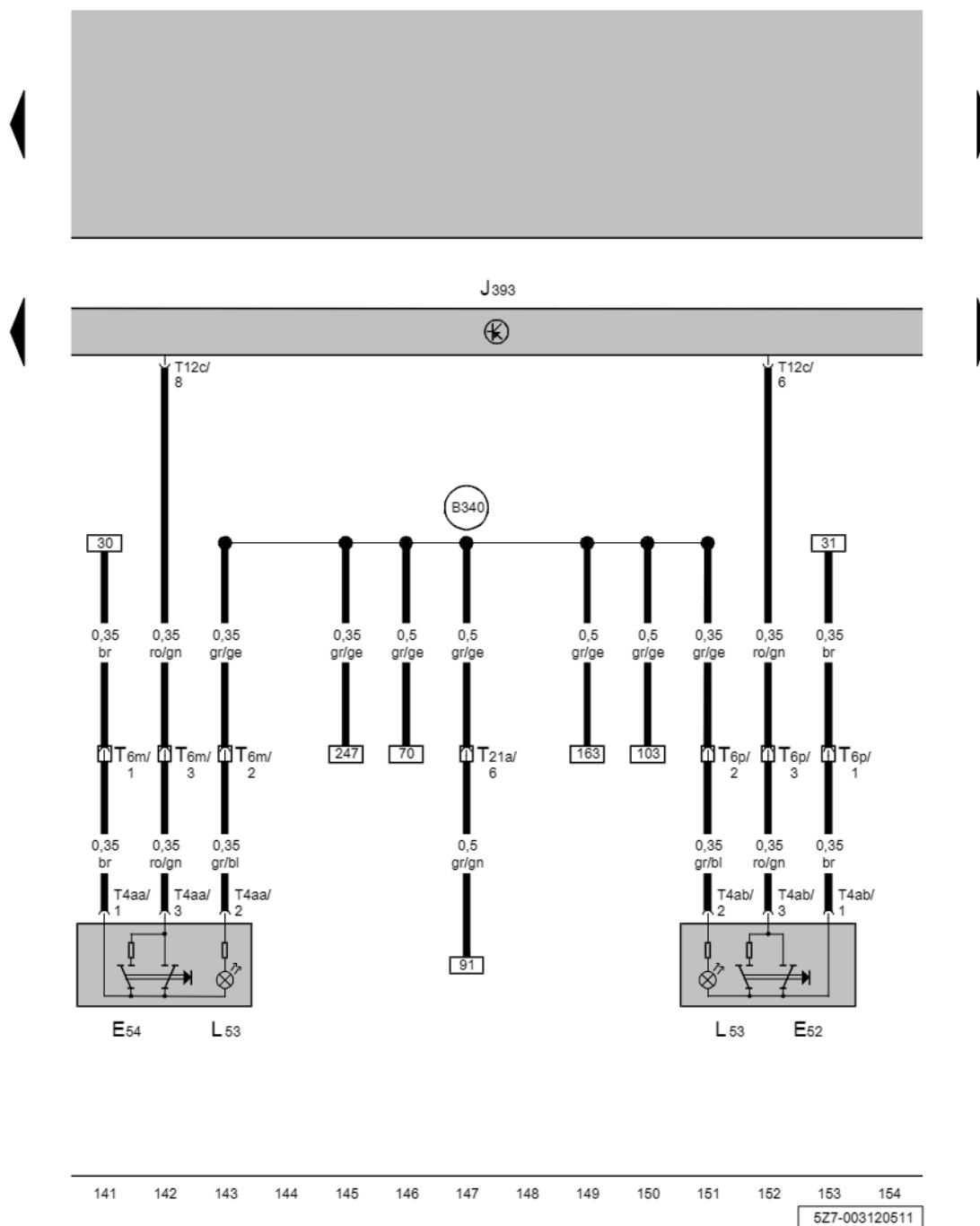
Central control unit for the convenience system  
 Rear left central door locking system engine  
 Rear right central door locking system engine

- J393 Central control unit for the convenience system
- J917 Control unit for lighting and wiper functions
- T2di Fitting connector 2pin in rear right central door locking system engine
- T2dj Fitting connector 2pin in rear left central door locking system engine
- T6n Fitting connector 6pin in rear right door
- T6q Fitting connector 6pin for rear left door
- T16d Fitting connector 16 poles on control unit for lighting and wiper functions
- V307 Rear left central power latching system engine
- V308 Rear right central power latching system engine

- B465 Connection 1 on main harness
- B720 Connection 1 central locking on main harness
- B720 Connection 1 central locking on main harness
- B721 Connection 2 central locking on main harness
- B722 Connection 3 central locking on main harness
- B723 Connection 4 central locking on main harness
- R84 Connection 1 central locking on rear left door wiring harness
- R85 Connection 2 central locking on rear left door wiring harness
- R86 Connection 1 central locking on rear right door wiring harness
- R87 Connection 2 central locking on rear right door wiring harness

Only for vehicles with control unit lighting and wiper functions

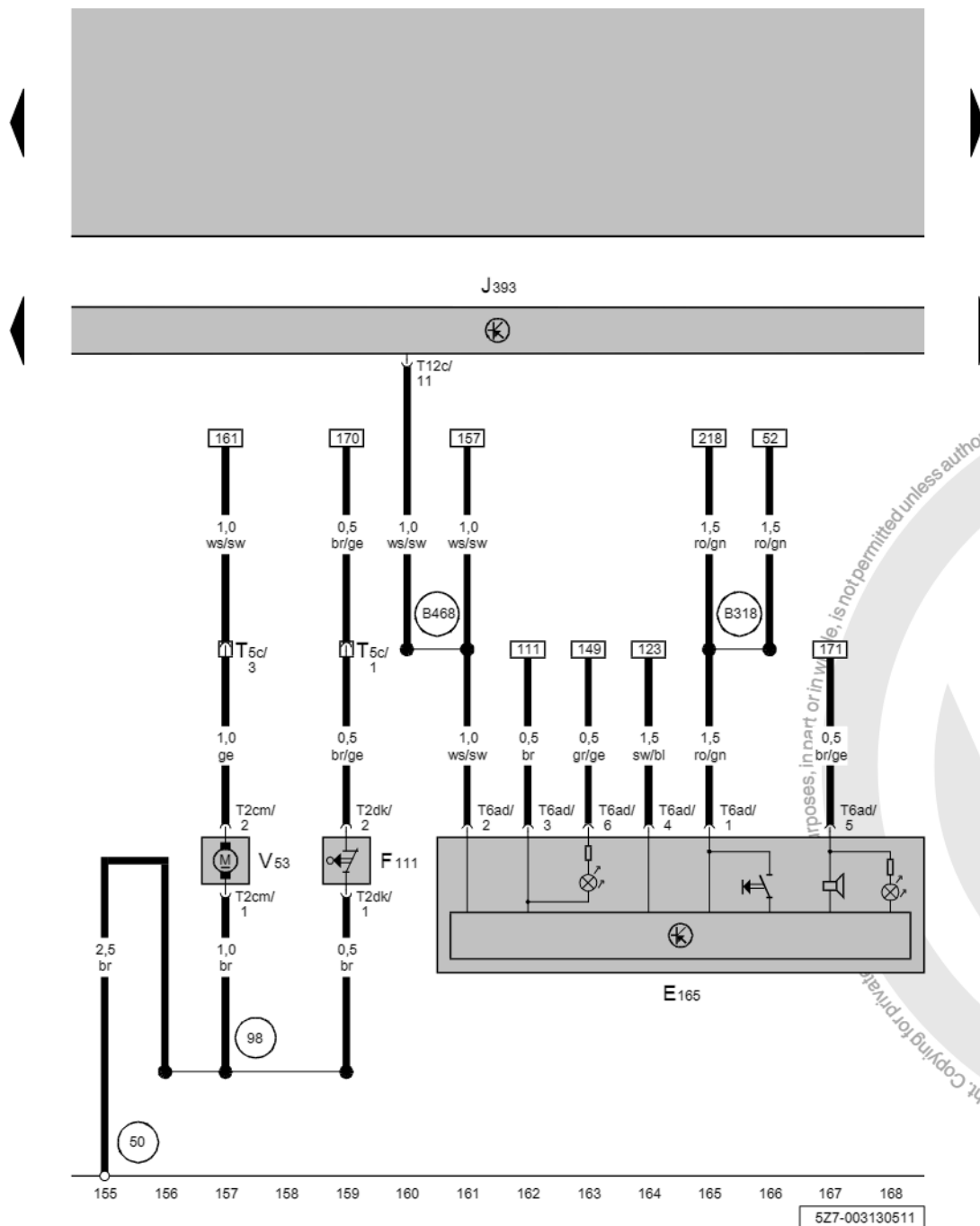
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Rear right door window regulator switch  
Rear left door window regulator switch  
Rear right door window regulator switch  
Central control unit for the convenience system  
Window regulator switch illumination bulb

- E52 Rear left door window regulator switch
- E54 Rear right door window regulator switch
- J393 Central control unit for the convenience system
- L53 Window regulator switch illumination bulb
- T4aa Fitting connector 4pin in rear right door window regulator switch
- T4ab Fitting connector 4pin in rear left door window regulator switch
- T6m Fitting connector 6pin in rear right door
- T6p Fitting connector 6pin for rear left door
- T12c Fitting connector 12 poles on central control unit for the convenience system
- T21a Fitting connector 21 poles for front left door
- B340 Connection 1 58d on main harness

ws = white  
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br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
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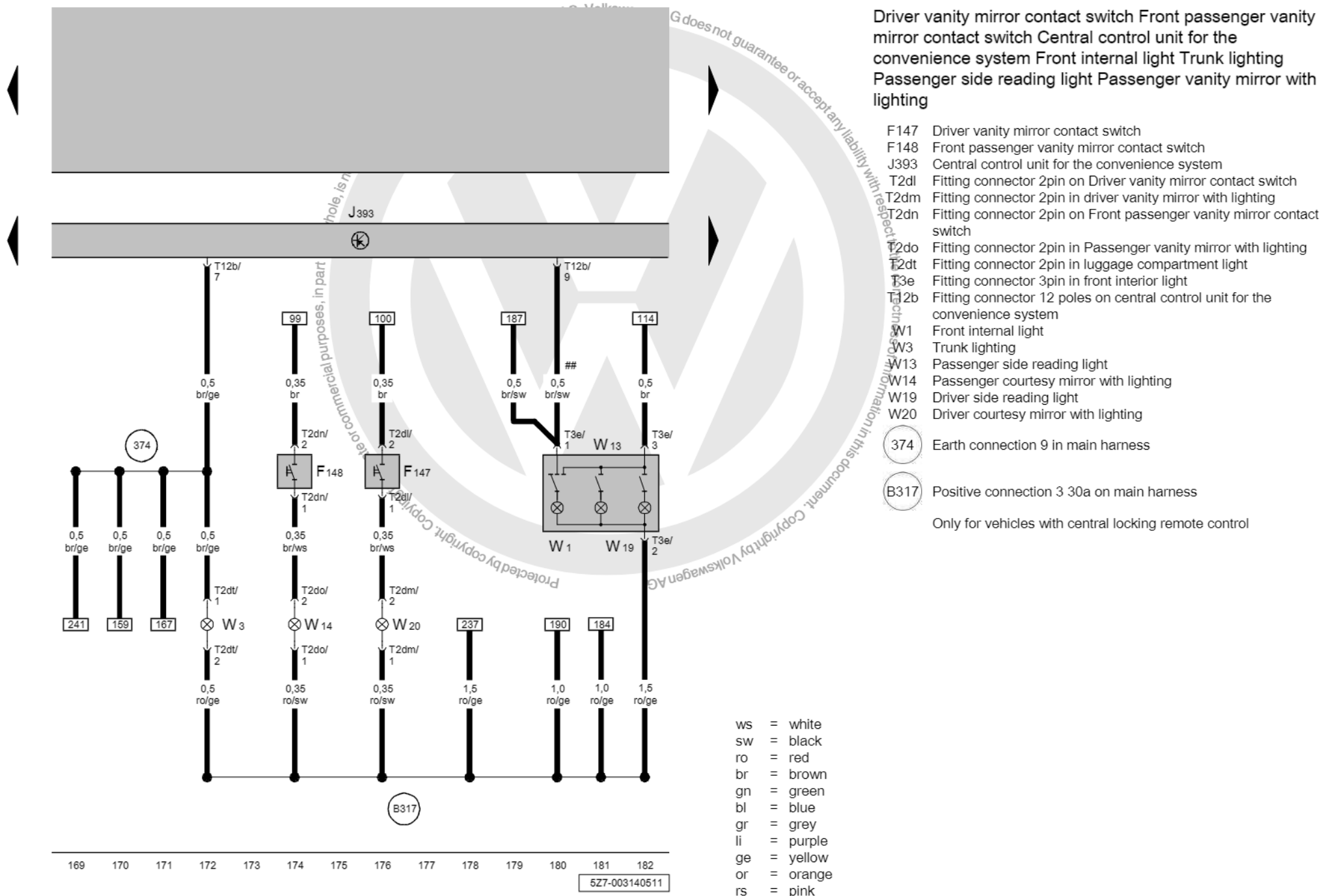


Rear lid unlocking switch Rear lid contact switch Central control unit for the convenience system Rear lid central locking motor

- E165 Rear lid unlocking switch
- F111 Rear lid contact switch
- J393 Central control unit for the convenience system
- T2cm Fitting connector 2pin in rear lid central locking motor
- T2dk Fitting connector 2pin on rear lid contact switch
- T5c Fitting connector 5pin behind rear left side lining near the wheelhouse
- T6ad Fitting connector 6pin on rear lid unlocking switch
- T12c Fitting connector 12 poles on central control unit for the convenience system
- V53 Rear lid central locking motor

- 50 Earth point on left luggage compartment
- 98 Earth connection on rear lid wiring harness
- B318 Positive connection 4 30a on main harness
- B468 Connection 4 on main harness

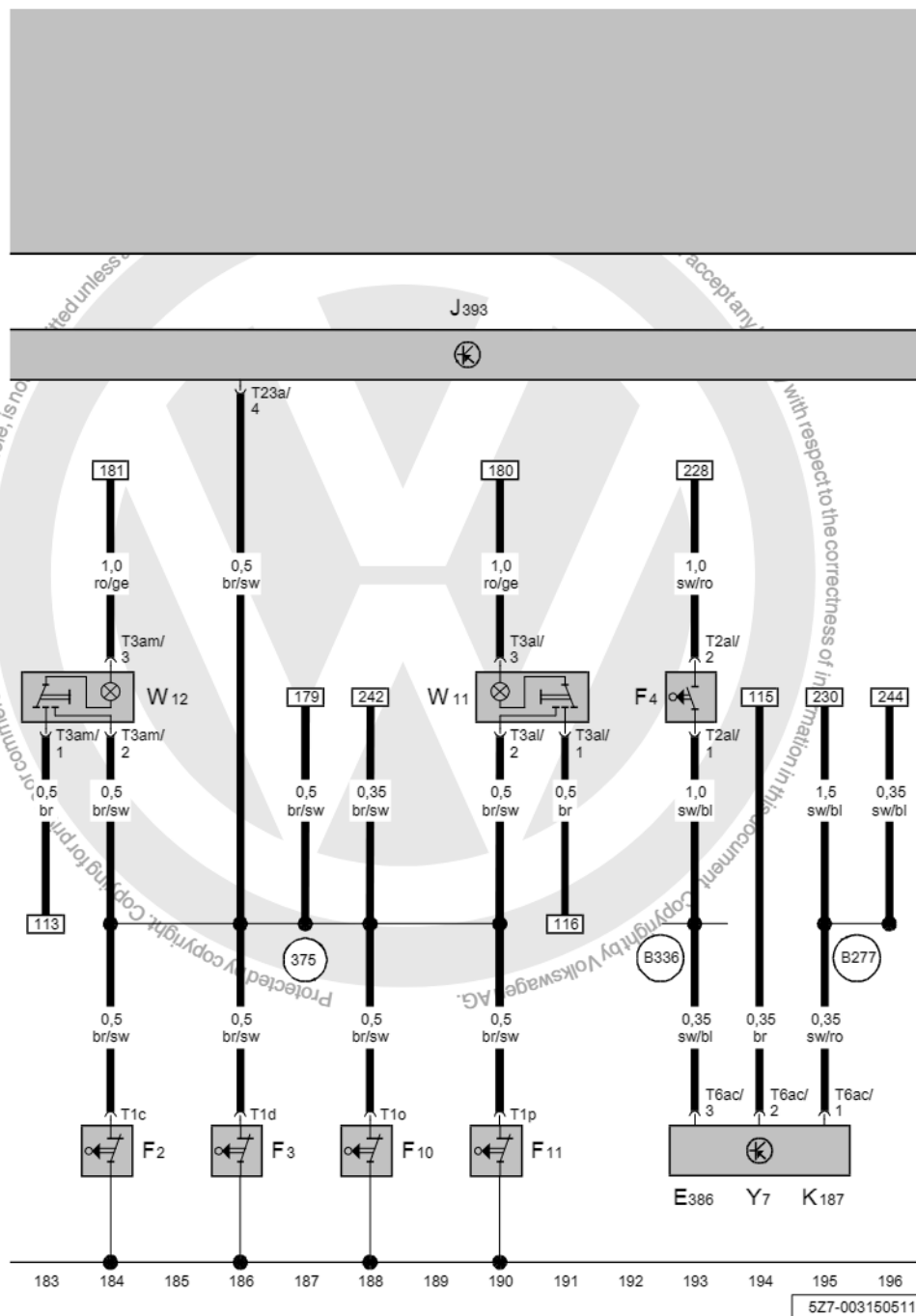
ws = white  
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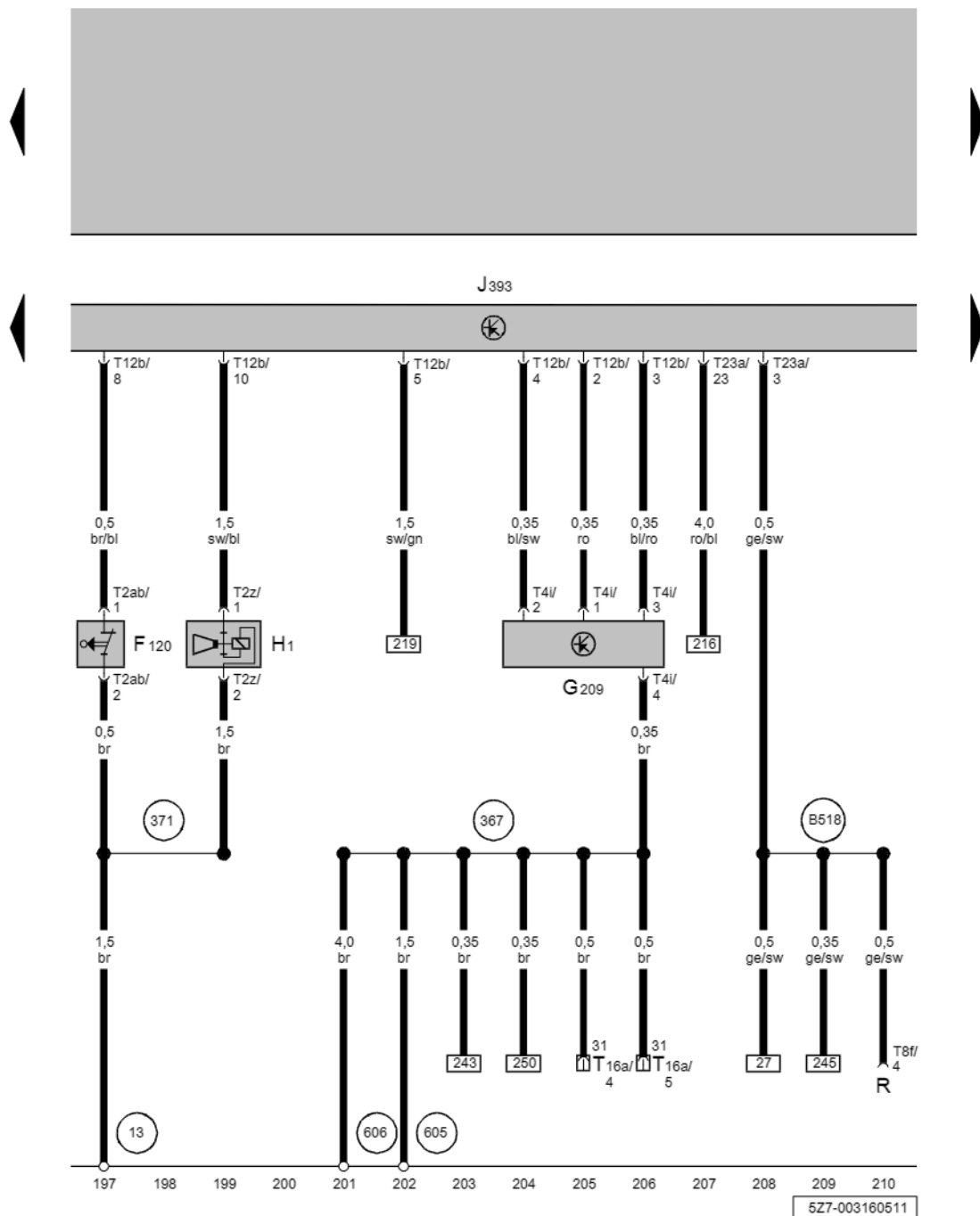


Antidazzle interior mirror button Driver door contact switch  
Front passenger door contact switch Reversing light switch

- E386 Antidazzle interior mirror button
- F2 Driver door contact switch
- F3 Front passenger door contact switch
- F4 Reversing light switch
- F10 Rear left door contact switch
- F11 Rear right door contact switch
- J393 Central control unit for the convenience system
- K187 Antidazzle interior mirror warming lamp
- T1c Fitting connector single on Driver door contact switch
- T1d Fitting connector single on Front passenger door contact switch
- T1o Fitting connector single on Rear left door contact switch
- T1p Fitting connector single on Rear right door contact switch
- T2al Fitting connector 2pin on reversing light switch
- T3al Fitting connector 3pin on rear left reading lamp
- T3am Fitting connector 3pin on rear right reading lamp
- T6ac Fitting connector 6pin in Antidazzle interior mirror button
- T23a Fitting connector 23 poles on central control unit for the convenience system
- W11 Rear left reading light
- W12 Rear right reading light
- Y7 Automatic antidazzle interior mirror
- 375 Earth connection 10 in main harness
- B277 Positive connection 1 15a on main harness
- B336 Connection 2 54 on main harness

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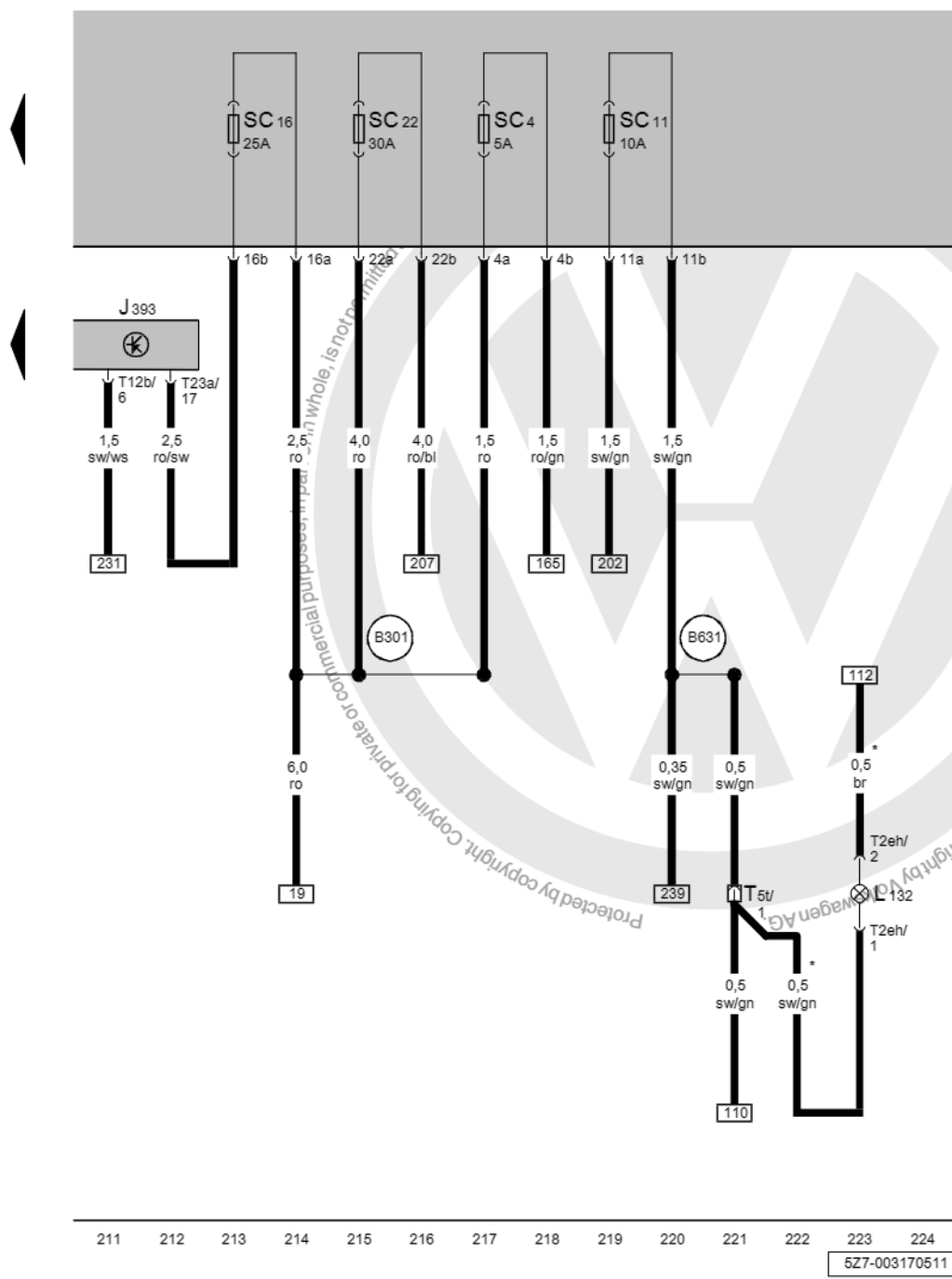
Front hood contact switch motor cover for alarm system  
Horn and dualtone horn Ultrasound sensor for the alarm system  
Central control unit for the convenience system

- F120 Front hood contact switch motor cover for alarm system
- H1 Horn or dual tone horn
- G209 Ultrasound sensor for the alarm system
- J393 Central control unit for the convenience system
- R Radio
- T2z Fitting connector 2pin in horn or dual tone horn
- T2ab Fitting connector 2pin on front hood contact switch motor cover for alarm system
- T4i Fitting connector 4pin on ultrasound sensor for the alarm system
- T8f Fitting connector 8pin on radio
- T12b Fitting connector 12 poles on central control unit for the convenience system
- T16a Fitting connector 16 poles in diagnosis
- T23a Fitting connector 23 poles on central control unit for the convenience system

- 13 Earth point in engine compartment right
- 367 Earth connection 2 in main harness
- 371 Earth connection 6 in main harness
- 605 Earth point in upper steering column area
- 606 Earth point under the centre console near the selection lever
- B518 Connection 86s on main harness

ws = white  
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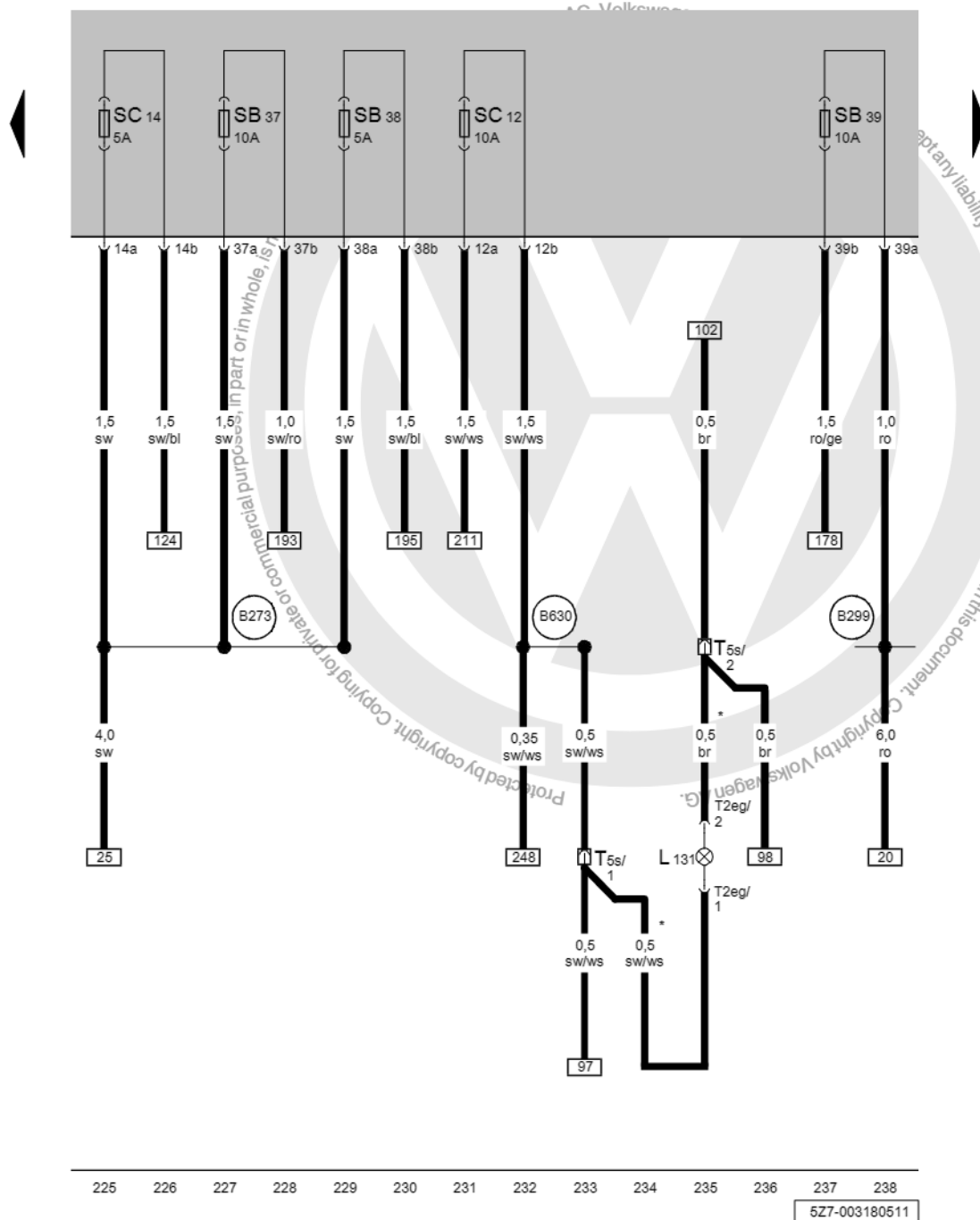
# Central control unit for the convenience system Front passenger side mirror turn signal repeater bulb

- J393 Central control unit for the convenience system
- L132 Front passenger side mirror turn signal repeater bulb
- T2eh Fitting connector 2pin on front passenger side mirror turn signal repeater bulb
- T5t Central control unit for the convenience system
- T12b Fitting connector 12 poles on central control unit for the convenience system
- T23a Fitting connector 23 poles on central control unit for the convenience system
- SC4 Fuse 4 on fuse holder C
- SC11 Fuse 11 on fuse holder C
- SC16 Fuse 16 on fuse holder C
- SC22 Fuse 22 on fuse holder C

(B301) Positive connection 5 30 on main harness

(B631) Connection turn signal right on main harness

Only for vehicles without electric operation of external rear view mirrors



### Driver side turn signal repeater bulb

- L131 Driver side turn signal repeater bulb
- SB37 Fuse 37 on fuse holder B
- SB38 Fuse 38 on fuse holder B
- SB39 Fuse 39 on fuse holder B
- SC12 Fuse 12 on fuse holder C
- SC14 Fuse 14 on fuse holder C
- T2eg Fitting connector 2pin on driver side external mirror turn signal repeater bulb
- T5s Fitting connector 5pin for front left door

- B273 Positive connection 15 on main harness
- B299 Positive connection 3 30 on main harness
- B630 Connection turn signal left on main harness

Only for vehicles without electric operation of external rear view mirrors

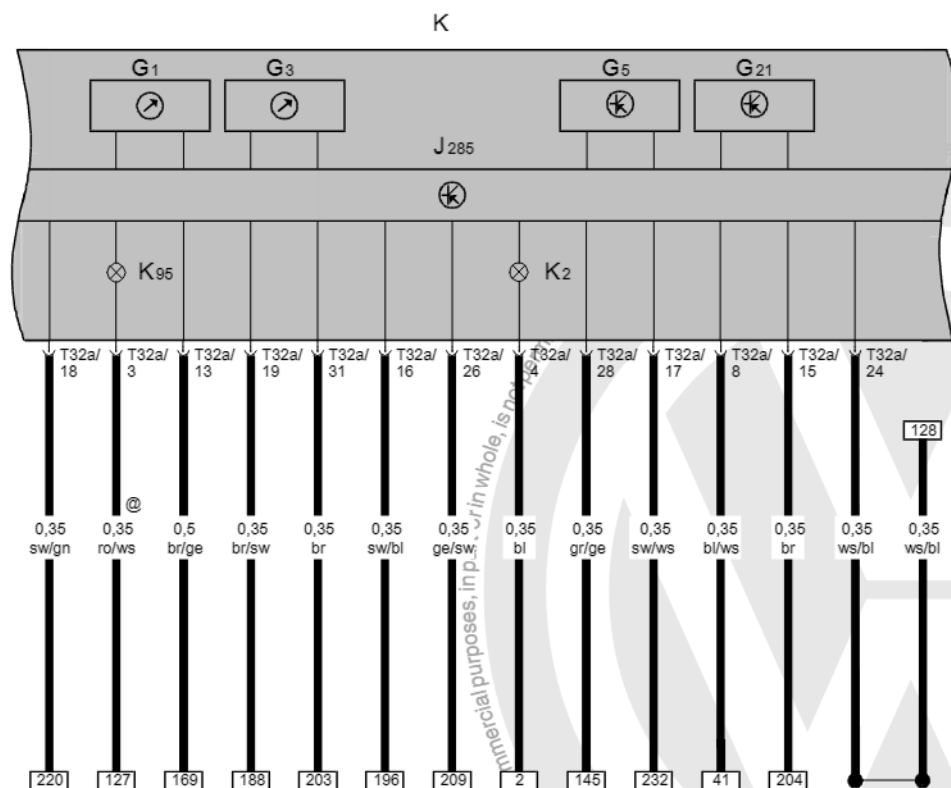


Fuel level indicator Coolant temperature indicator Tachometer  
Speedometer Control unit w indicator on the combined instrument  
Combined instrument Alternator control light Control light for the  
alarm system

- G1 Fuel level indicator
- G3 Coolant temperature indicator
- G5 Tachometer
- G21 Speedometer
- J285 Control unit w indicator on the combined instrument
- K Combined instrument
- K2 Alternator control light
- K95 Alarm system warning lamp
- T32a Fitting connector 32 poles on Control unit w indicator on the combined instrument

B464 Connection speed signal on main harness

Only for vehicles with control unit lighting and wiper functions



## Coming HomeLeaving Home without rain sensor

From March 2010

### Notes

For information about

◆ Location of relay and fuse

◆ Connectors

◆ Control units

◆ Earth points

⇒ See fitting locations

For information about

◆ Assisted fault pinpointing

⇒ See Guided functions

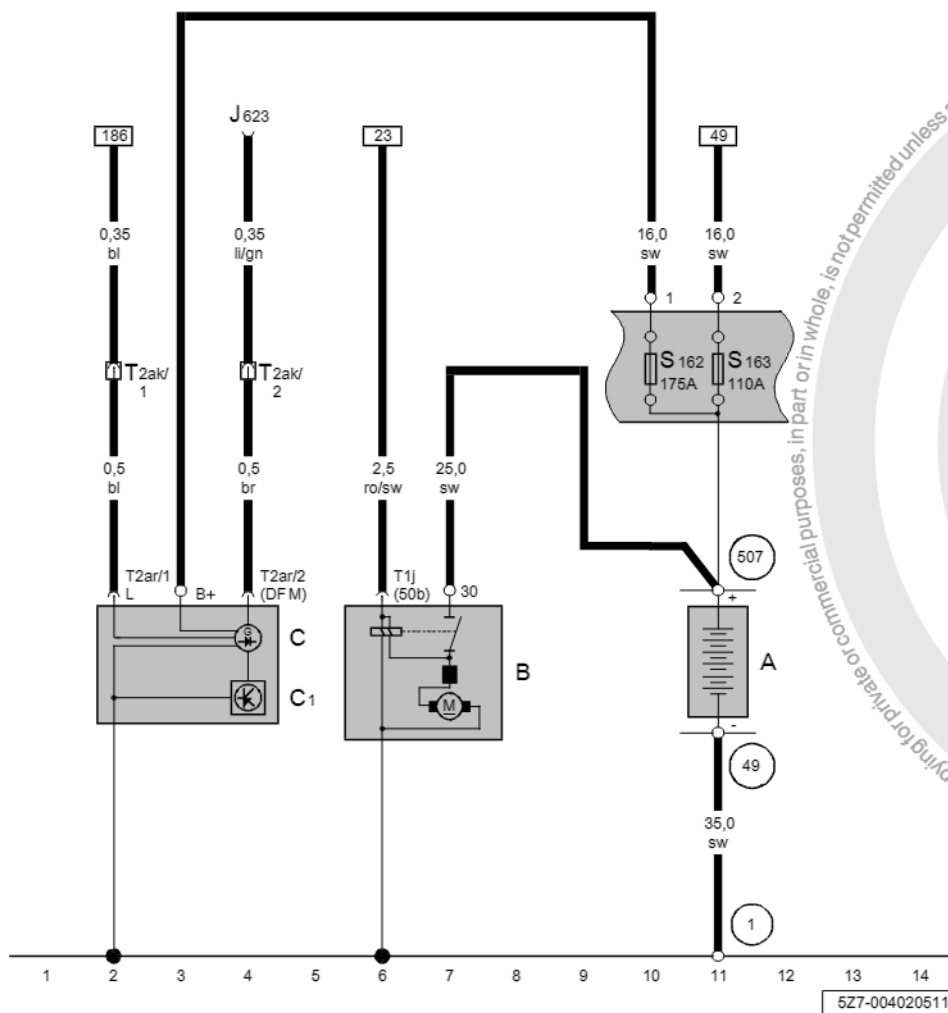




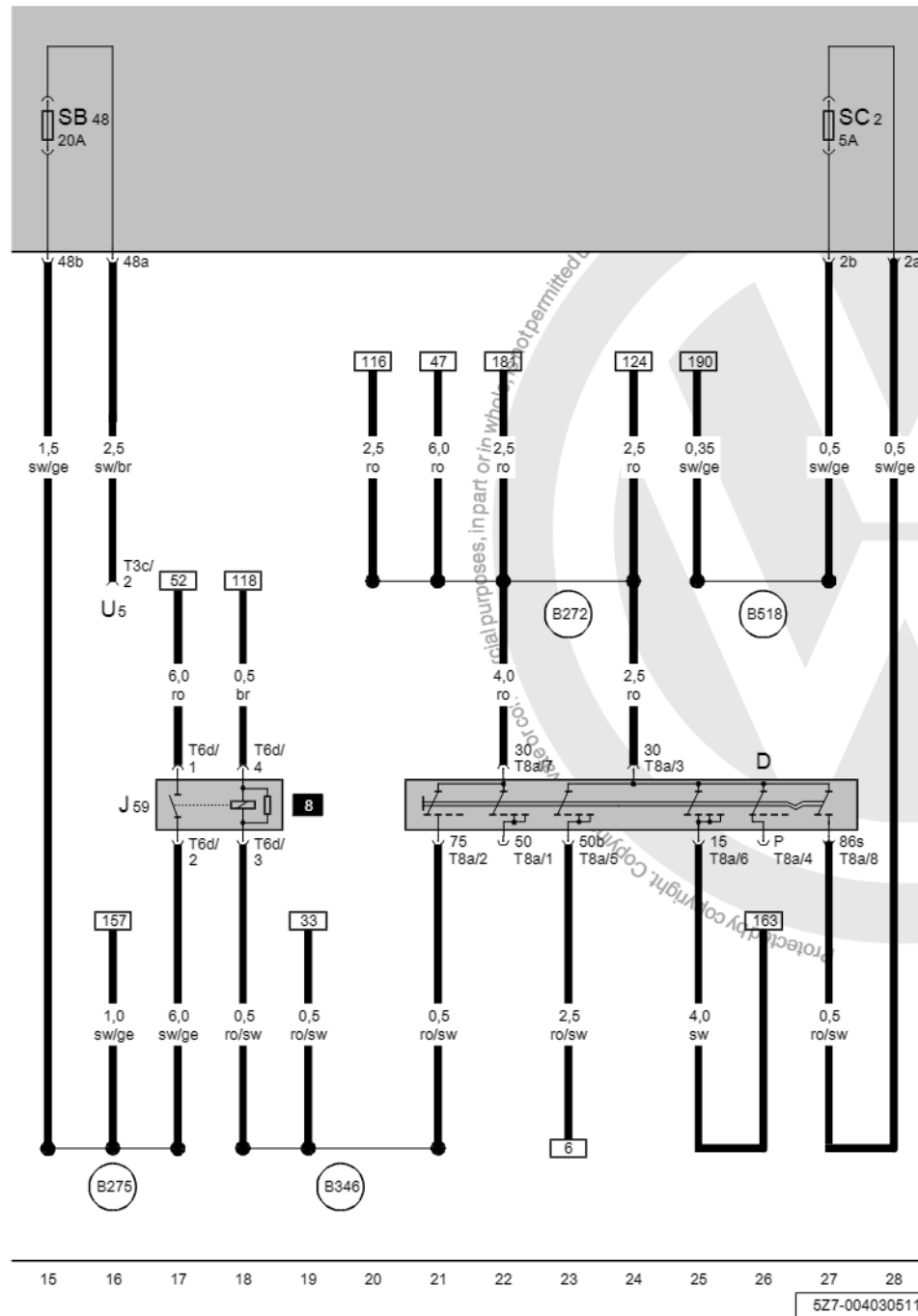
Battery Starter Generator Alternator Voltage regulator

- A Battery
- B Starter
- C Generator Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 30 in battery fuse holder
- S163 Fuse 2 30 in battery fuse holder
- T1j Fitting connector single on starter
- T2ak Fitting connector 2pin on engine compartment
- T2ar Fitting connector 2pin on generator alternator

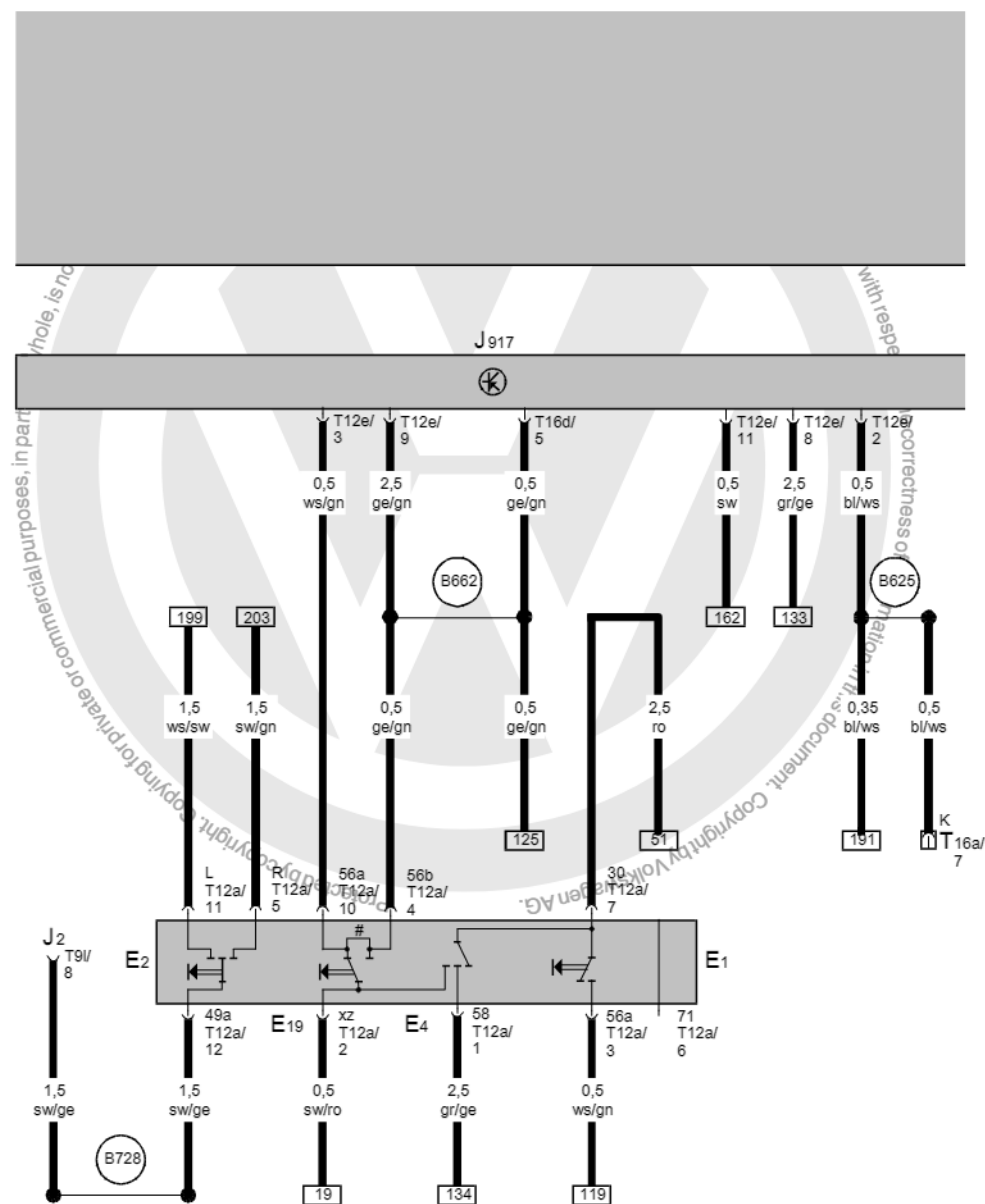
- 1 Earth strap battery body
- 49 Earth point near the battery
- 507 Screw connection 30 battery fuse holder



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Light switch Flashing turn light switch Headlight dipper and flasher switch Parking light switch Control unit of lights with windshield wiper functions

- |      |  |
|------|--|
| E1   | Light switch   |
| E2   | Flashing turn light switch   |
| E4   | Headlight dipper and flasher switch  |
| E19  | Parking light switch   |
| J2   | Hazard warning light relay   |
| J917 | Control unit of lights with windshield wiper functions                               |
| T9l  | Fitting connector 9 pin on warning light relay                                       |
| T12a | Fitting connector 12 poles in light switch   |
| T12e | Fitting connector 12 poles on control unit of lights with windshield wiper functions |
| T16a | Fitting connector 16 poles in diagnosis  |
| T16d | Fitting connector 16 poles on control unit of lights with windshield wiper functions |

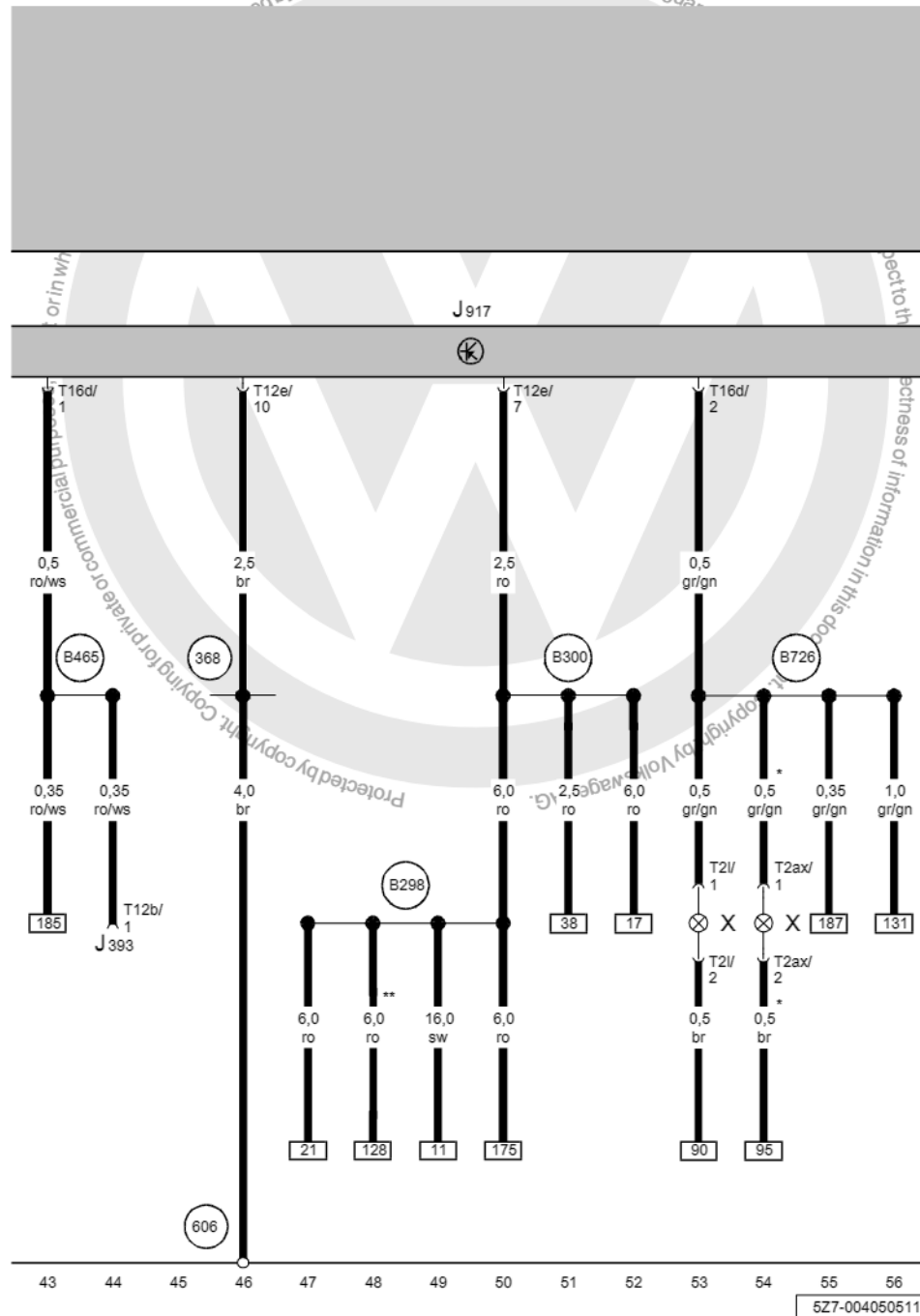
(B625) Connection diagnostic cable K on main harness

(B662) Connection 2 56b on main harness

(B728) Connection 49a on main harness

Twin headlights vehicles only

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Control unit for lighting and wiper functions Number plate light

- |      |  |
|------|--|
| J393 | Central control unit for the convenience system                                      |
| J917 | Control unit for lighting and wiper functions  |
| T2i  | Fitting connector 2pin in license plate light  |
| T2ax | Fitting connector 2pin in license plate light  |
| T12b | Fitting connector 12 poles on central control unit for the convenience system        |
| T12e | Fitting connector 12 poles on control unit of lights with windshield wiper functions |
| T16d | Fitting connector 16 poles on control unit of lights with windshield wiper functions |
| X    | License plate light  |

- 368 Earth connection 3 in main harness
- 606 Earth point under the centre console near the selection lever
- B298 Positive connection 2 30 on main harness
- B300 Positive connection 4 30 on main harness
- B465 Connection 1 on main harness
- B726 Positive connection 2 58 on main harness

Only for CROSS vehicles  
Only for vehicles with central locking

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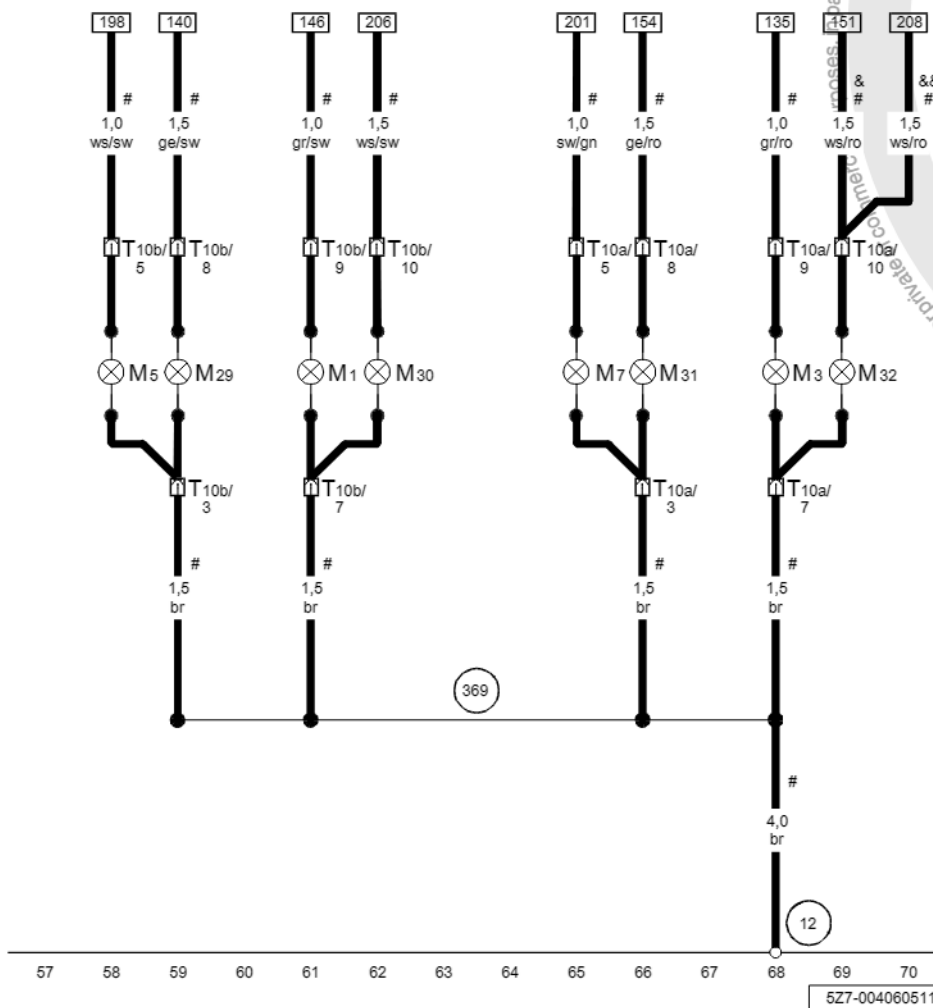




Left front side light lamp Right front side light lamp Left front indicator light lamp Right front indicator light lamp Left low beam lamp Left high beam lamp Right low beam lamp Right high beam lamp

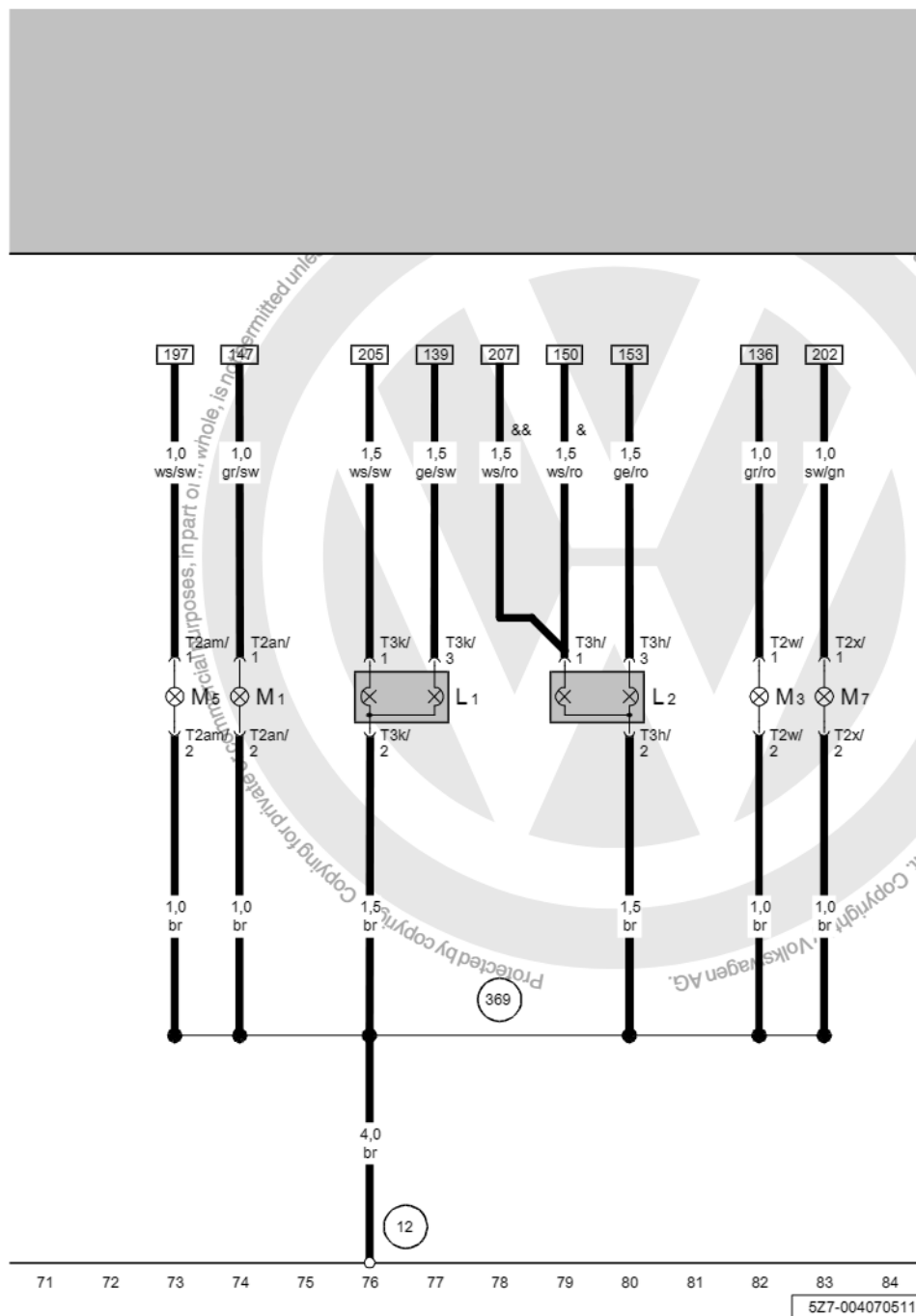
- M1 Left front sidelight lamp
- M3 Right front sidelight lamp
- M5 Left front indicator light lamp
- M7 Right front indicator light lamp
- M29 Left low beam lamp
- M30 Left high beam lamp
- M31 Right low beam lamp
- M32 Right high beam lamp
- T10a Fitting connector 10 poles in right front indicator light lamp
- T10b Fitting connector 10 poles in left front indicator light lamp

- 12 Earth point in engine compartment left
- 369 Earth connection 4 in main harness
- Only for vehicles with twin headlights
- & Until May 2011
- && From May 2011



ws = white  
 sw = black  
 ro = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 ge = yellow  
 or = orange  
 rs = pink

5Z7-004060511



Left headlight twin filament bulb Right headlight twin filament bulb Left front side light lamp Right front side light lamp Left front indicator light lamp Right front indicator light lamp

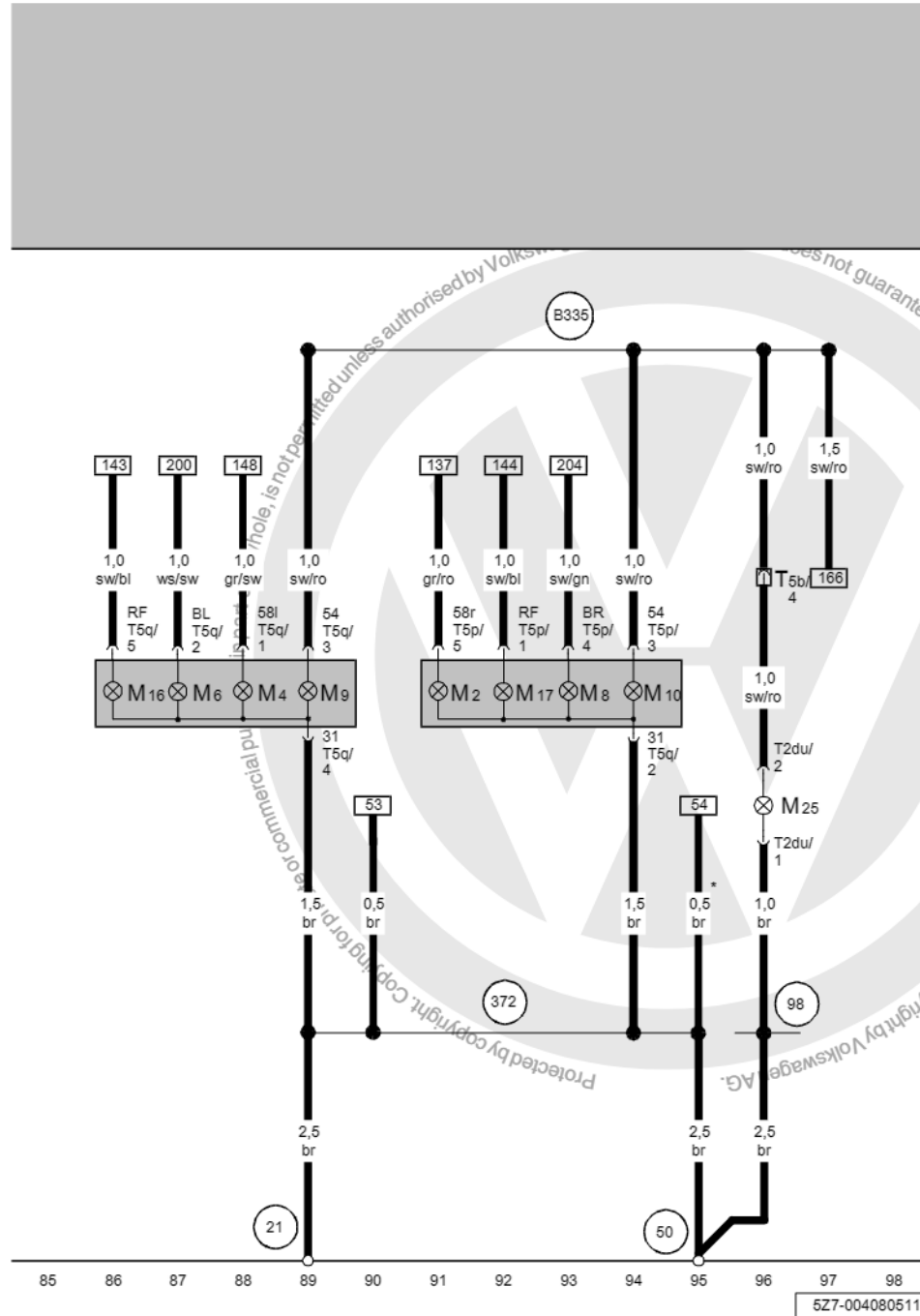
- L1 Left headlight twin filament bulb
- L2 Right headlight twin filament bulb
- M1 Left front sidelight lamp
- M3 Right front sidelight lamp
- M5 Left front indicator light lamp
- M7 Right front indicator light lamp
- T3h Fitting connector 3pin on right headlight twin filament bulb
- T3k Fitting connector 3pin on left headlight twin filament bulb
- T2x Fitting connector 2pin in right front indicator light lamp
- T2w Fitting connector 2pin in right front sidelight lamp
- T2am Fitting connector 2pin in left front indicator light lamp
- T2an Fitting connector 2pin in left front sidelight lamp

12 Earth point in engine compartment left

369 Earth connection 4 in main harness

& Until May 2011  
&& From May 2011

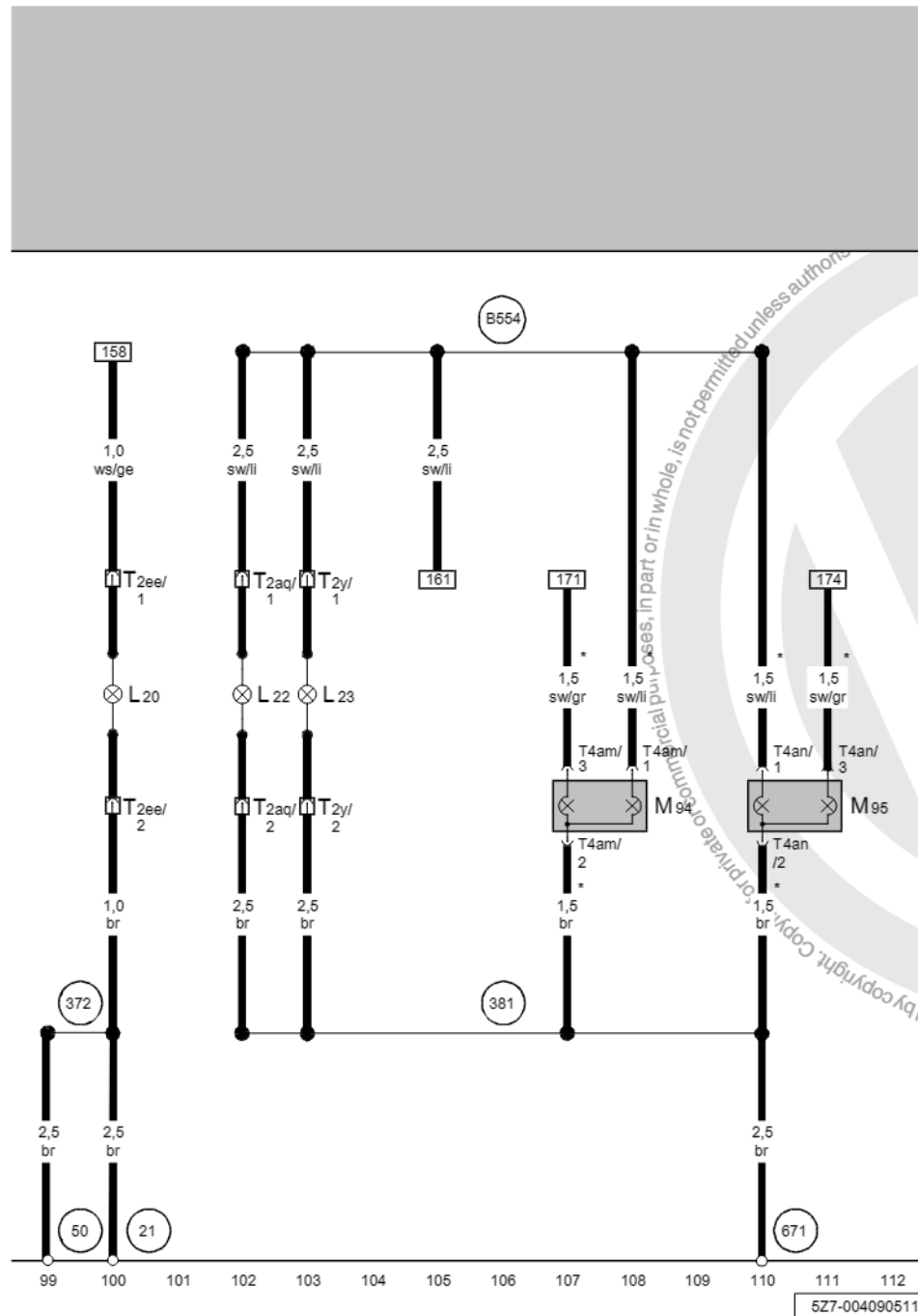
ws = white  
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or = orange  
rs = pink



Right tail light lamp Left tail light lamp Left tail light lamp Left rear indicator light lamp Right rear indicator light lamp Left brake light bulb Right brake light bulb Left reversing light lamp Right reversing light lamp Lamp for 'brakelight'

- M2 Right tail light lamp
  - M4 Left tail light lamp
  - M6 Left rear indicator light lamp
  - M8 Right rear indicator light lamp
  - M9 Left brake light bulb
  - M10 Right brake light bulb
  - M16 Left reversing light lamp
  - M17 Right reversing light lamp
  - M25 Lamp for 'brakelight'
  - T2du Fitting connector 2pin on lamp for 'brakelight'
  - T5b Fitting connector 5pin behind rear left side lining near the wheelhouse
  - T5p Fitting connector 5pin for Right tail light
  - T5q Fitting connector 5pin for left tail light
  - 21 Earth point near fuel pump
  - 50 Earth point on left luggage compartment
  - 98 Earth connection on rear lid wiring harness
  - 372 Earth connection 7 in main harness
  - B335 Connection 1 54 on main harness
- Only for CROSS vehicles

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 sw = black  
 ro = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
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 or = orange  
 rs = pink

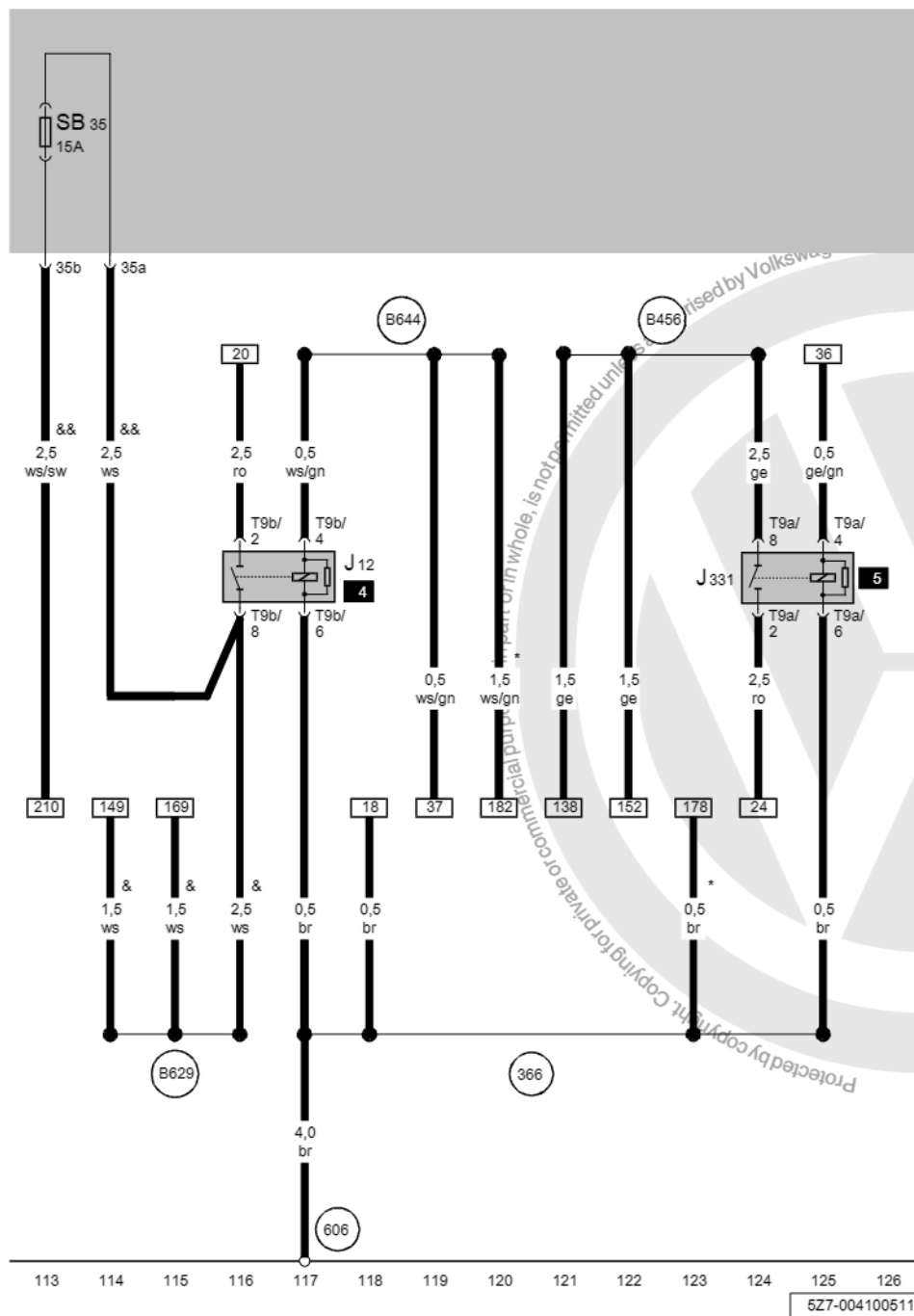


Rear fog light bulb Left fog light lamp Right fog light lamp  
Left main beam headlight and fog light bulb Right main beam headlight and fog light bulb

- L20 Rear fog light bulb
- L22 Left fog light lamp
- L23 Right fog light lamp
- M94 Left main beam headlight and fog light bulb
- M95 Right main beam headlight and fog light bulb
- T2y Fitting connector 2pin in right fog light lamp
- T2aq Fitting connector 2pin in left fog light lamp
- T2ee Fitting connector 2pin in Rear fog light lamp
- T4am Fitting connector 4pin on left main beam headlight and fog light bulb
- T4an Fitting connector 4pin on right main beam headlight and fog light bulb

- 21 Earth point near fuel pump
  - 50 Earth point on left luggage compartment
  - 372 Earth connection 7 in main harness
  - 381 Earth connection 16 in main harness
  - 671 Earth point 1 on left front longitudinal member
  - B554 Connection fog light on main harness
- Only for CROSS vehicles

ws = white  
sw = black  
ro = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
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or = orange  
rs = pink

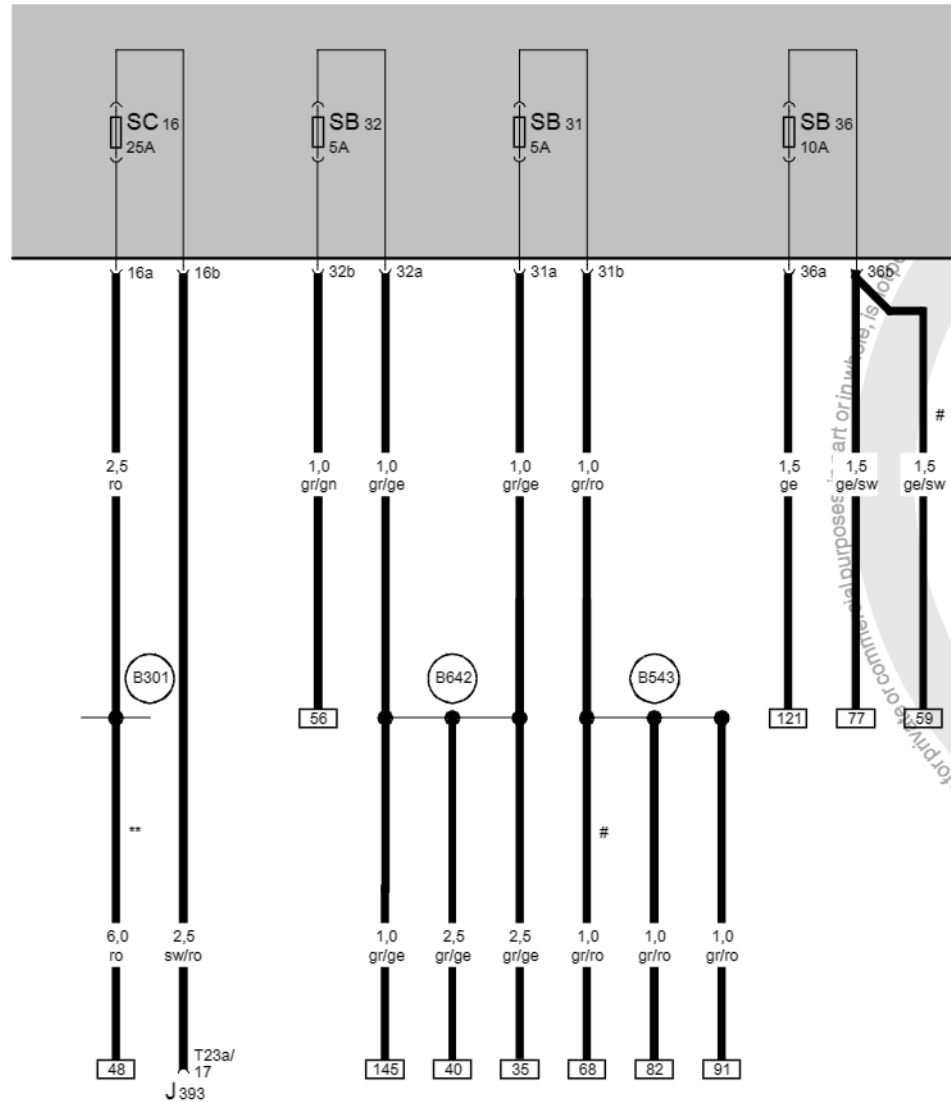


# Headlight main beam relay Dipped beam relay

- J12 Headlight main beam relay
- J331 Dipped beam relay
- SB35 Fuse 35 on fuse holder B
- T9a Fitting connector 9pin in dipped beam relay
- T9b Fitting connector 9pin in headlight main beam relay

- 366 Earth connection 1 in main harness
- 606 Earth point under the centre console near the selection lever
- B456 Connection 56b on main harness
- B629 Connection 56a on main harness
- B644 Connection 3 56a on main harness
- Only for CROSS vehicles
- & Until May 2011
- && From May 2011

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### Fuses

- J393 Central control unit for the convenience system
- SC16 Fuse 16 on fuse holder C
- SB31 Fuse 31 on fuse holder B
- SB32 Fuse 32 on fuse holder B
- SB36 Fuse 36 on fuse holder B
- T23a Fitting connector 23 poles on central control unit for the convenience system

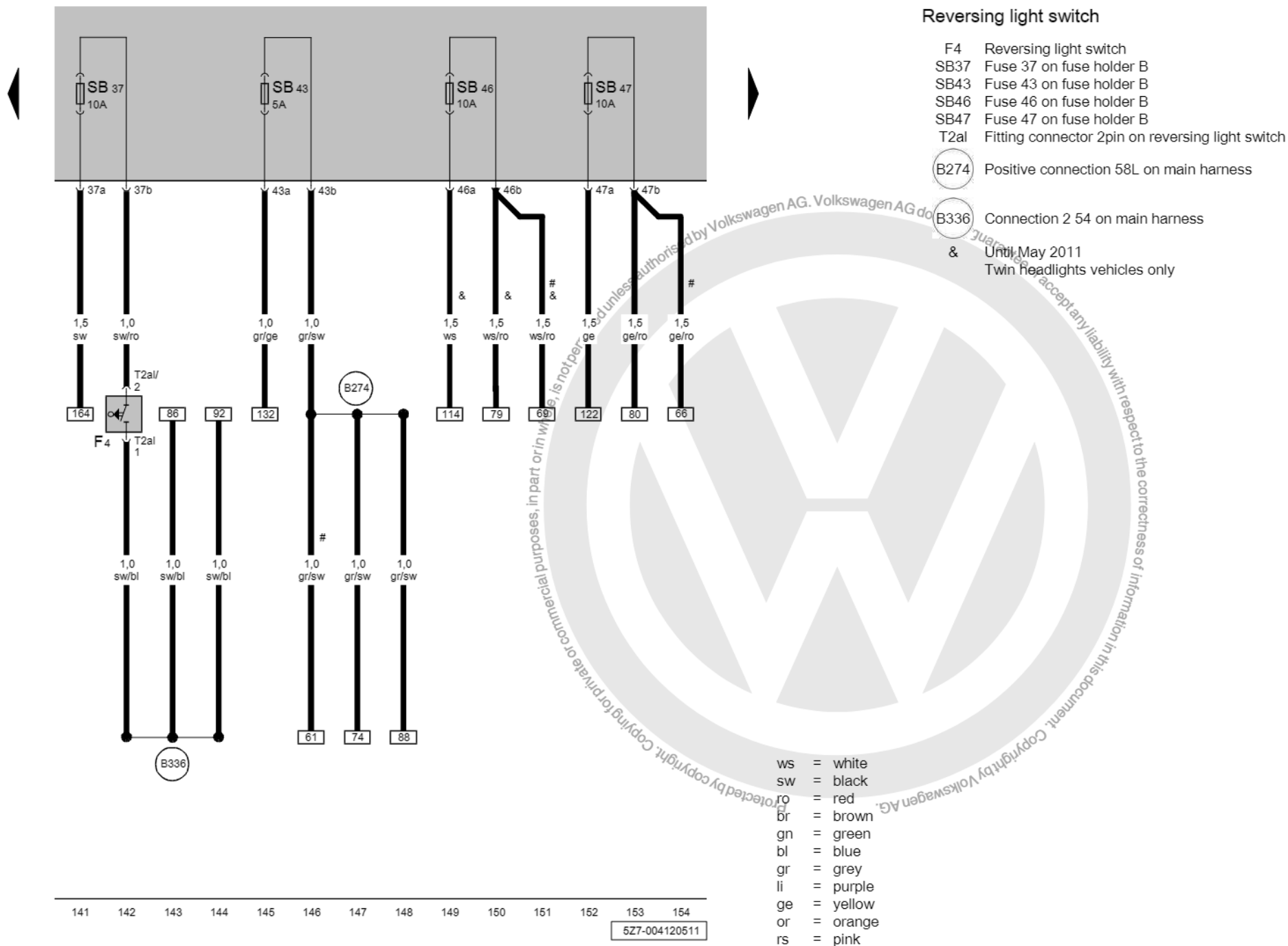
- (B301) Positive connection 5 30 on main harness
- (B543) Positive connection 58R on main harness
- (B642) Positive connection 58 on main harness

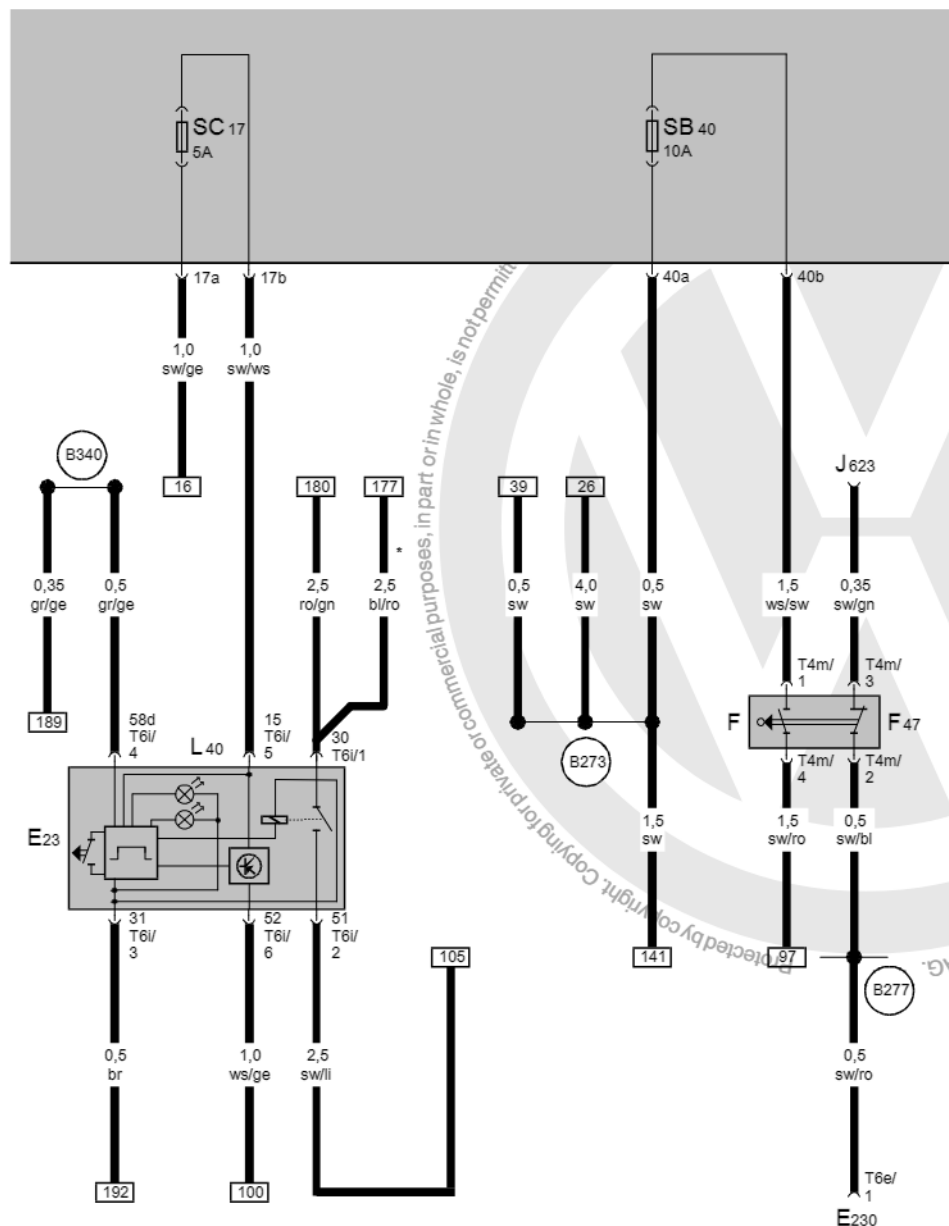
Only for vehicles with twin headlights  
Only for vehicles with central locking

ws = white  
sw = black  
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127 128 129 130 131 132 133 134 135 136 137 138 139 140

6Z7-004110511





Front and rear fog light switch Brake light switch Brake pedal switch Fog light and rear fog light switch Front and rear fog light switch illumination bulb

- E23 Front and rear fog light switch
- E230 Heater rear window switch
- F Brake light switch
- F47 Brake pedal switch
- J623 Engine control unit
- L40 Front and rear fog light switch illumination bulb
- SB40 Fuse 40 on fuse holder B
- SC17 Fuse 17 on fuse holder C
- T4m Fitting connector 4pin on brake pedal switch
- T6e Fitting connector 6pin on heated rear window switch
- T6i Fitting connector 6pin in front and rear fog light switch

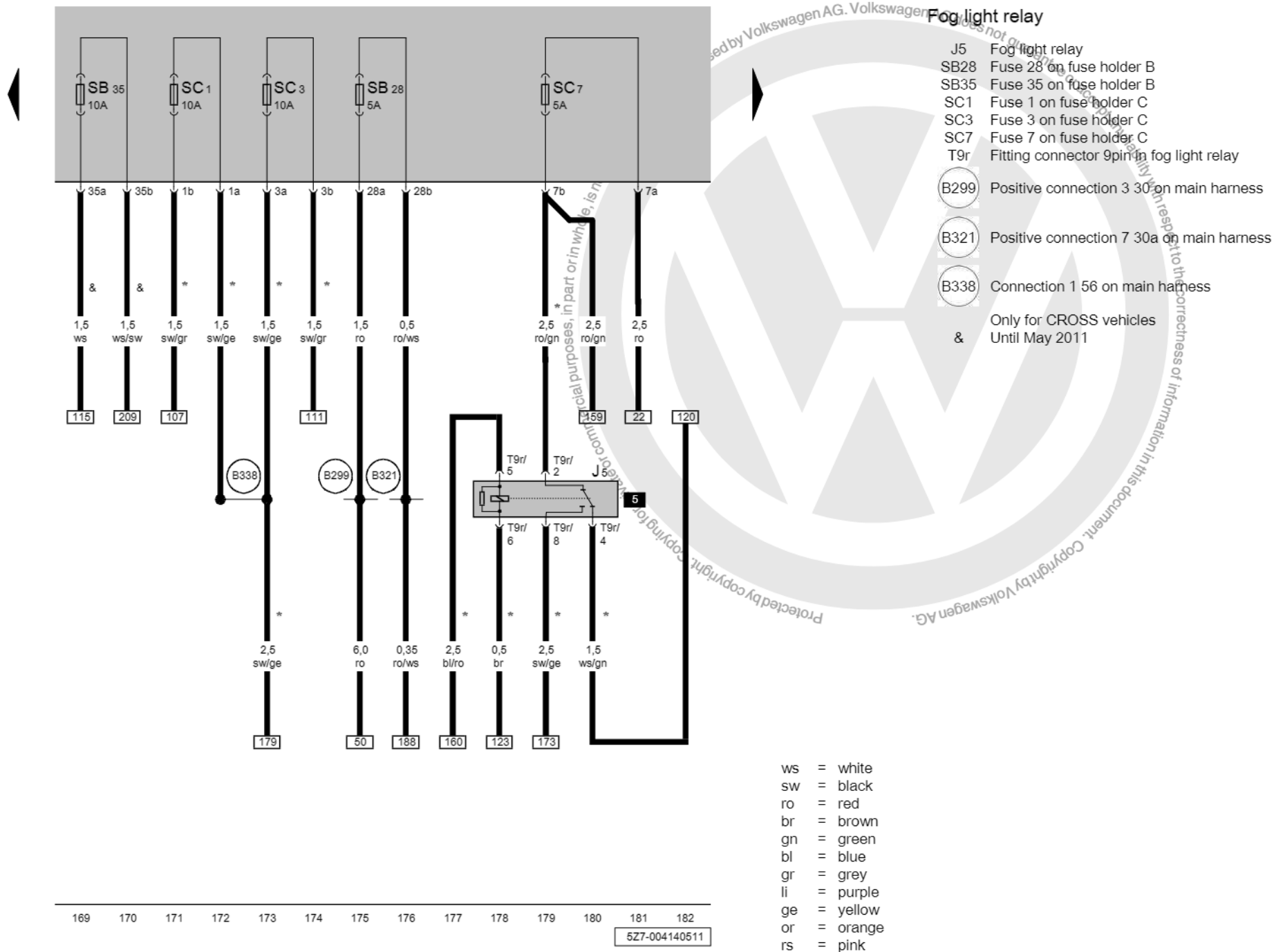
- B273 Positive connection 15 on main harness
- B277 Positive connection 1 15a on main harness
- B340 Connection 1 58d on main harness
- Only for CROSS vehicles

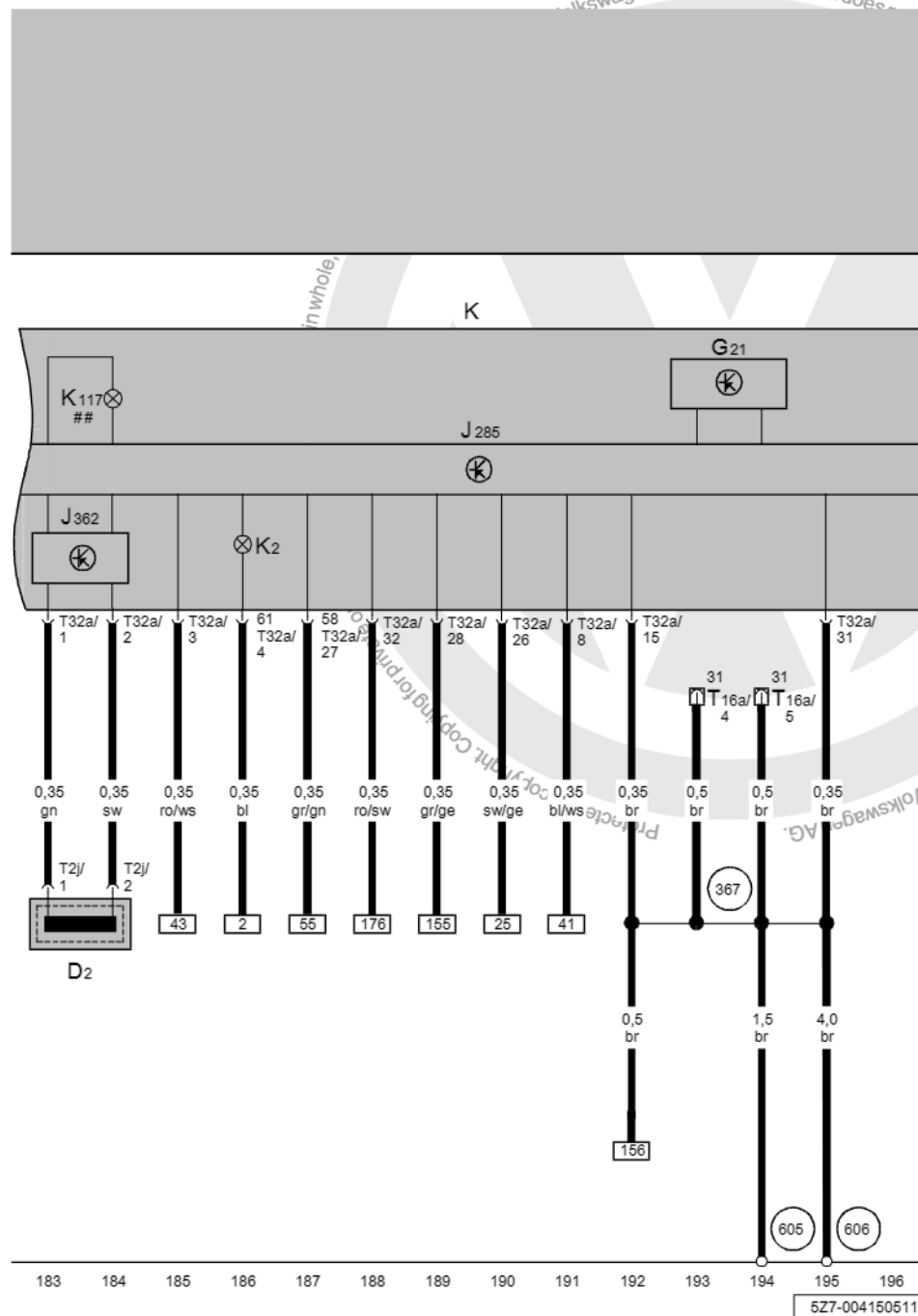
- ws = white
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- li = purple
- ge = yellow
- or = orange
- rs = pink

155 156 157 158 159 160 161 162 163 164 165 166 167 168

5Z7-004130511







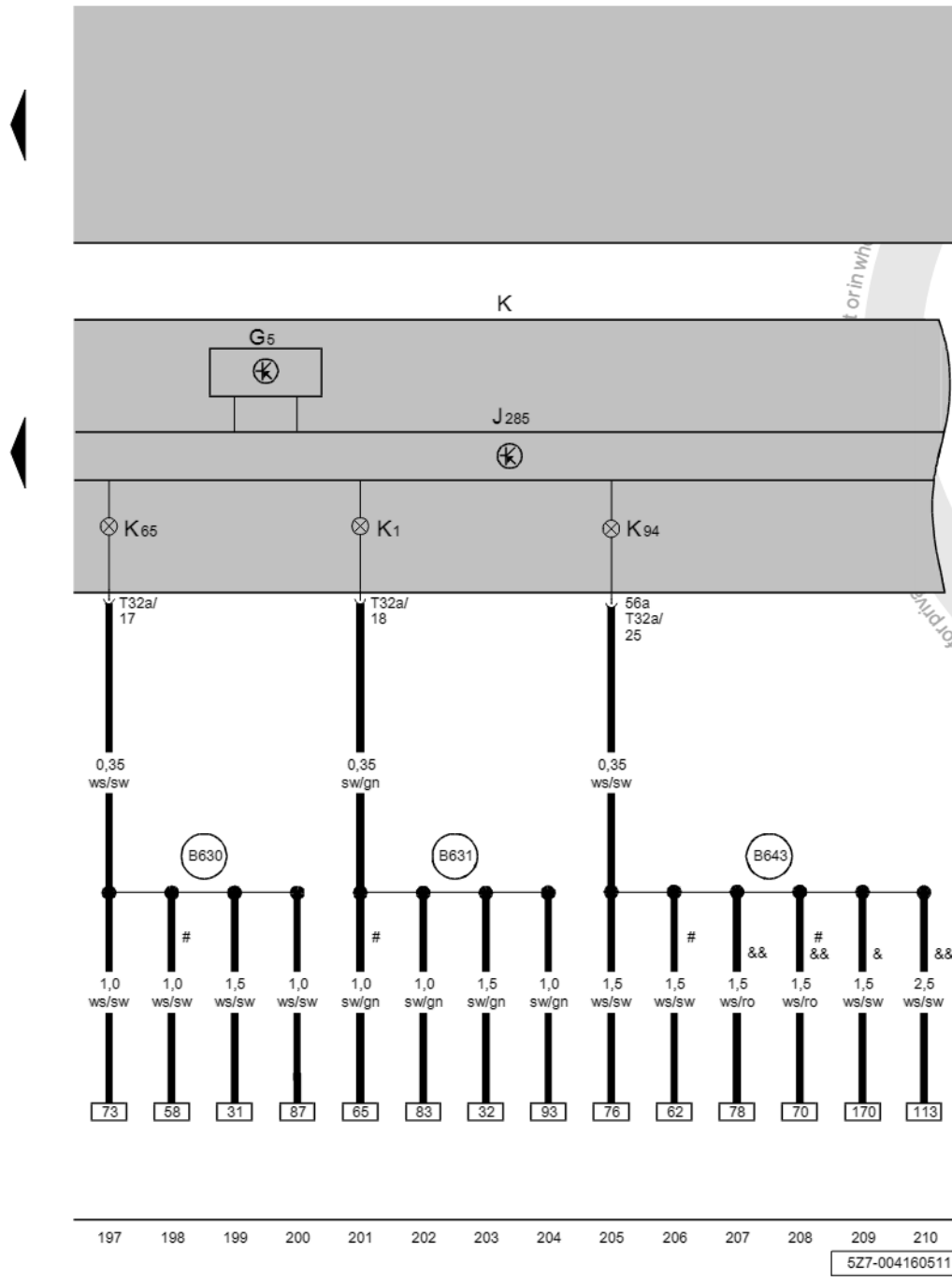
Immobilizer reading coil  
Speedometer Control unit w indicator on the combined instrument  
Immobilizer control unit  
Combined instrument  
Alternator control light  
Immobilizer warning lamp

- D2 Immobilizer reading coil
- G21 Speedometer
- J285 Control unit w indicator on the combined instrument
- J362 Immobilizer control unit
- K Combined instrument
- K2 Alternator control light
- K117 Immobilizer control light
- T16a Fitting connector 2pin in Immobilizer reading coil
- T32a Fitting connector 32 poles on Control unit w indicator on the combined instrument

- 367 Earth connection 2 in main harness
- 605 Earth point in upper steering column area
- 606 Earth point under the centre console near the selection lever

Until December 2010

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- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink



Tachometer Control unit w indicator on the combined instrument  
 Combined instrument High beam control light Left turn signal control light Right turn signal control light

- G5 Tachometer
- J285 Control unit w indicator on the combined instrument
- K Combined instrument
- K1 High beam control light
- K65 Left turn signal control light
- K94 Right turn signal control light
- T32a Fitting connector 32 poles on Control unit w indicator on the combined instrument

B630 Connection turn signal left on main harness

B631 Connection turn signal right on main harness

B643 Connection 2 56a on main harness

Only for vehicles with twin headlights  
 & Until May 2011  
 && From May 2011

ws = white  
 sw = black  
 ro = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 ge = yellow  
 or = orange  
 rs = pink

## Automatic manual transmission

From March 2010

### Notes

For information about

◆ Location of relay and fuse

◆ Connectors

◆ Control units

◆ Earth points

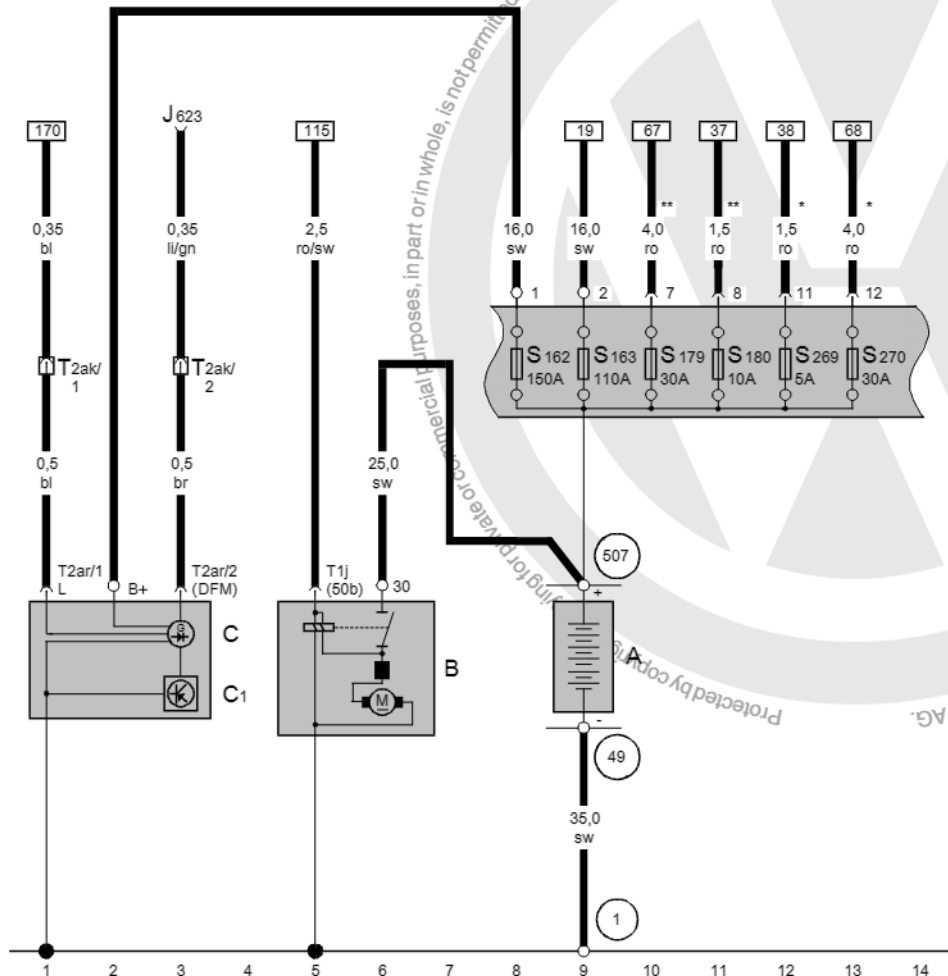
⇒ See fitting locations

For information about

◆ Assisted fault pinpointing

⇒ See Guided functions





5Z7-005020511

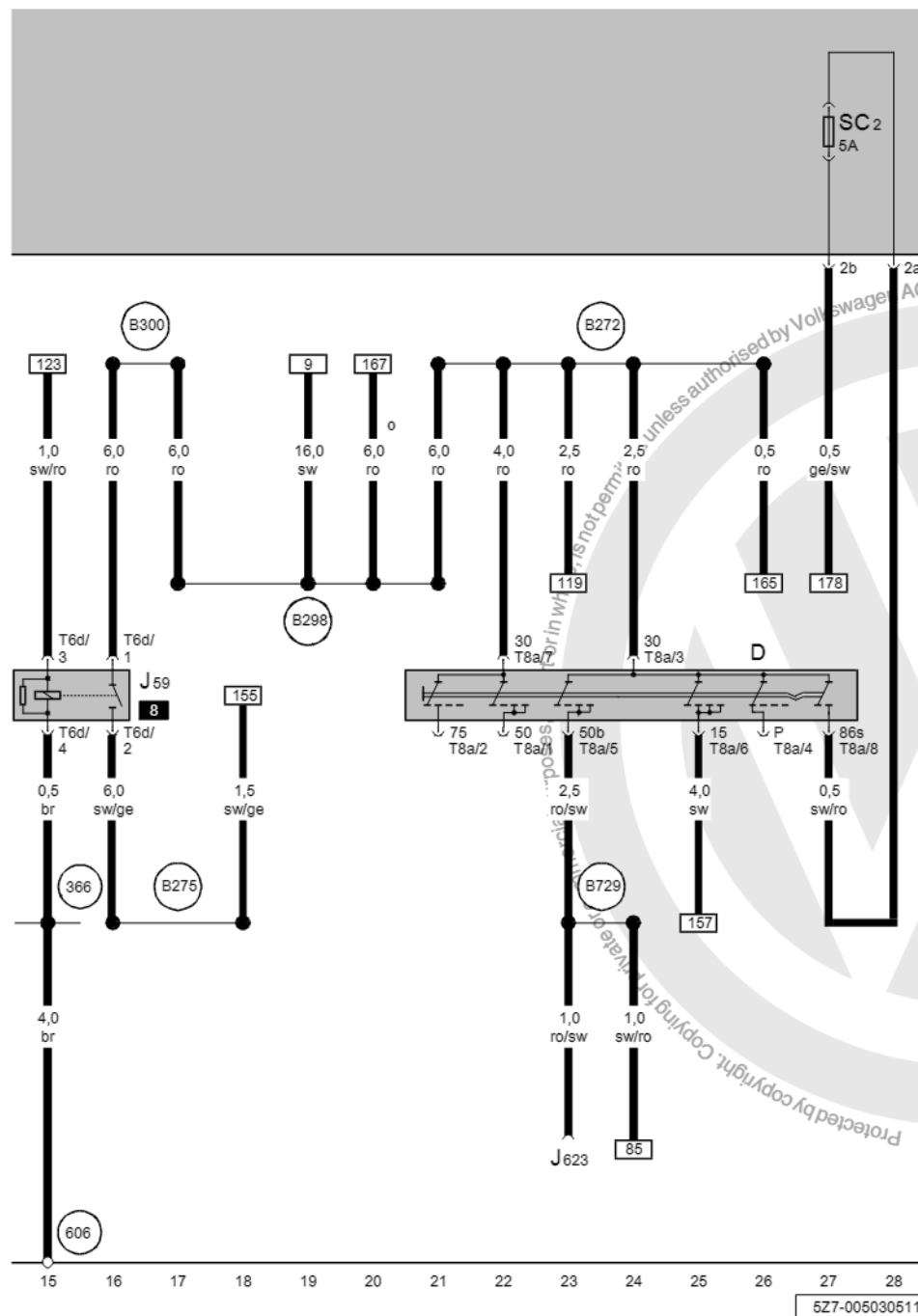
ws = white  
sw = black  
ro = red  
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gn = green  
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gr = grey  
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ge = yellow  
or = orange  
rs = pink

Battery Starter Generator Alternator Voltage regulator

- A Battery
- B Starter
- C Generator Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 30 in battery fuse holder
- S163 Fuse 2 30 in battery fuse holder
- S179 Fuse 7 30 in battery fuse holder
- S180 Fuse 8 30 in battery fuse holder
- S269 Fuse 11 30 in battery fuse holder
- S270 Fuse 12 30 in battery fuse holder
- T1j Fitting connector single on starter
- T2ak Fitting connector 2pin on engine compartment
- T2ar Fitting connector 2pin on generator alternator

- 1 Earth strap battery body
- 49 Earth point near the battery
- 507 Screw connection 30 battery fuse holder

Until February 2011  
From February 2011

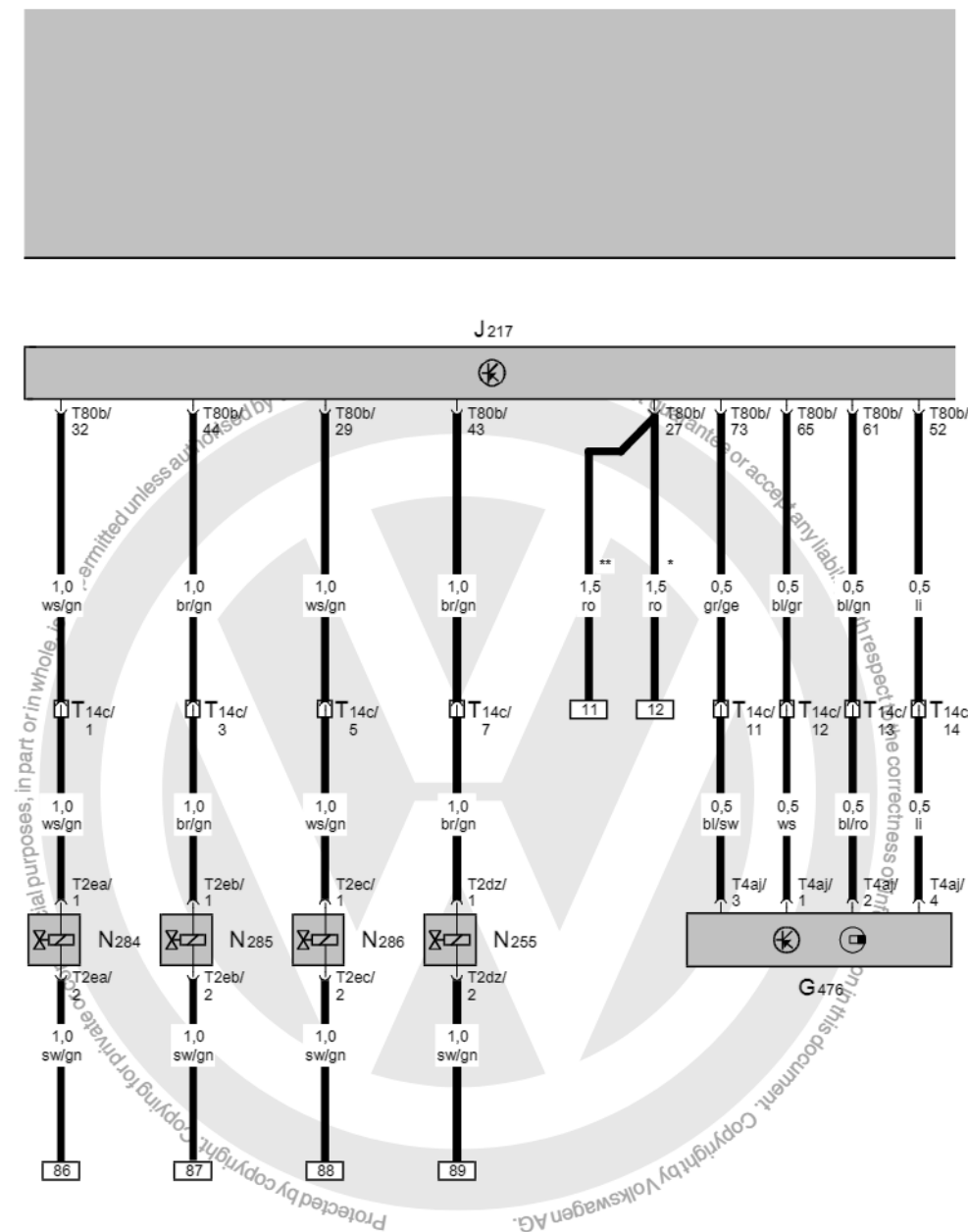


# Ignition switch Xcontact relief relay

- D Ignition switch
- J59 Light switch
- J623 Engine control unit
- SC2 Fuse 2 on fuse holder C
- T6d Fitting connector 6pin in Xcontact relief relay
- T8a Fitting connector 8pin on ignition switch

- 366 Earth connection 1 in main harness
- 606 Earth point under the centre console near the selection lever
- B272 Positive connection 30 on main harness
- B275 Positive connection 87 on main harness
- B298 Positive connection 2 30 on main harness
- B300 Positive connection 4 30 on main harness
- B729 Connection 1 50 on main harness
- Only for vehicles with interactive system

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- gn = green
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Clutch position sensor Automatic transmission control unit  
Clutch actuator valve Gear selection valve 1 Gear selection valve 2 Gear selection valve 3

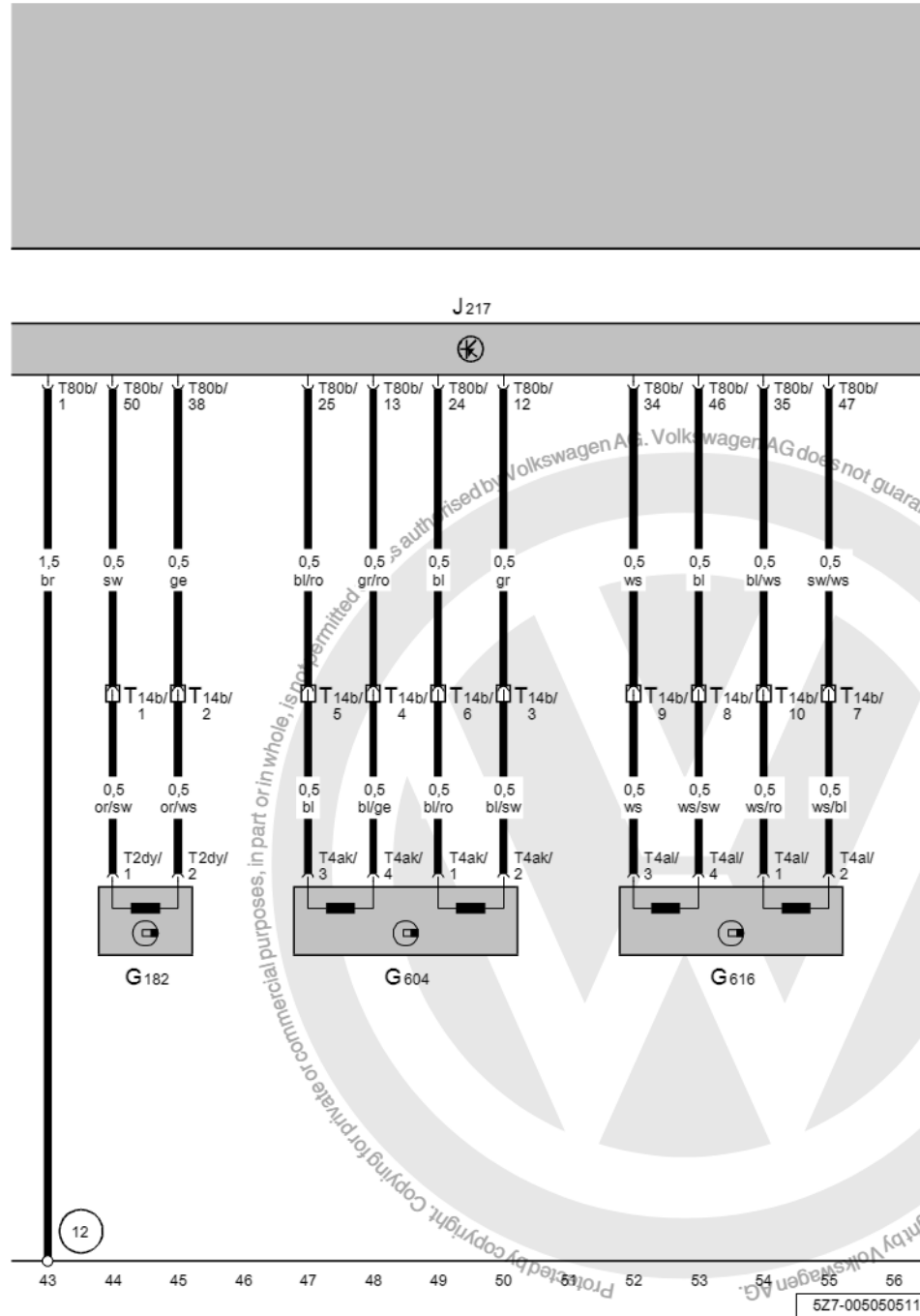
- G476 Clutch position sensor
- J217 Automatic transmission control unit
- N255 Clutch actuator valve
- N284 Gear selection valve 1
- N285 Gear selection valve 2
- N286 Gear selection valve 3
- T2dz Fitting connector 2pin on clutch actuator valve
- T2ea Fitting connector 2pin on gear selection valve 1
- T2eb Fitting connector 2pin on gear selection valve 2
- T2ec Fitting connector 2pin on gear selection valve 3
- T4aj Fitting connector 4pin on clutch position sensor
- T14c Fitting connector 14 poles under gearshift mechanism cover
- T80b Fitting connector 80 poles on automatic transmission control unit
- Until February 2011
- From February 2011

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bl = blue  
gr = grey  
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Transmission rotation sensor Gear identification sensor  
Gear identification sensor 2 Automatic transmission control unit

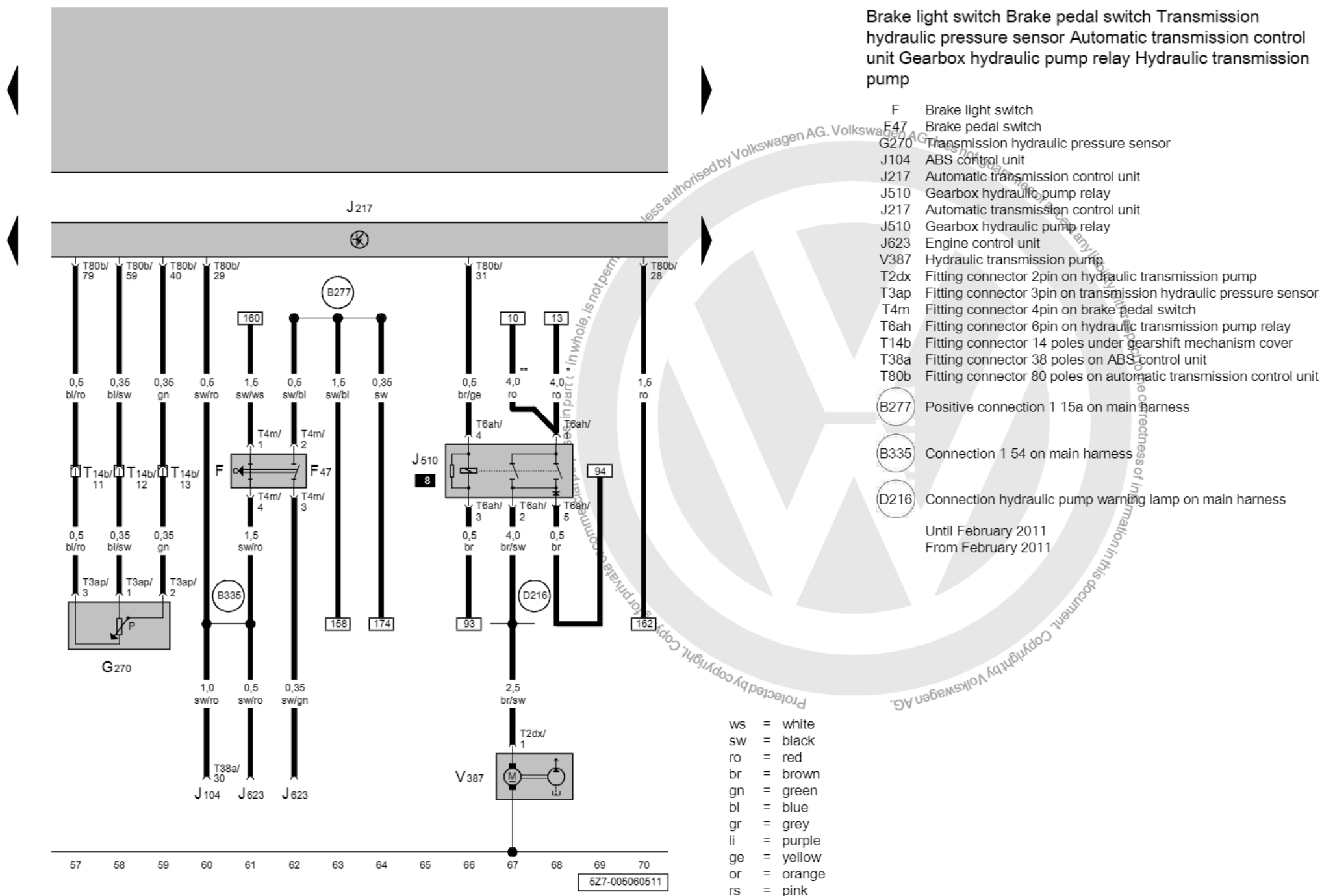
- G182 Transmission rotation sensor
- G604 Gear identification sensor
- G616 Gear identification sensor 2
- J217 Automatic transmission control unit
- T2dy Fitting connector 2pin on gearbox input speed sender
- T4ak Fitting connector 4pin on gear identification sensor
- T4al Fitting connector 4pin on gear identification sensor 2
- T14b Fitting connector 14 poles under gearshift mechanism cover
- T80b Fitting connector 80 poles on automatic transmission control unit

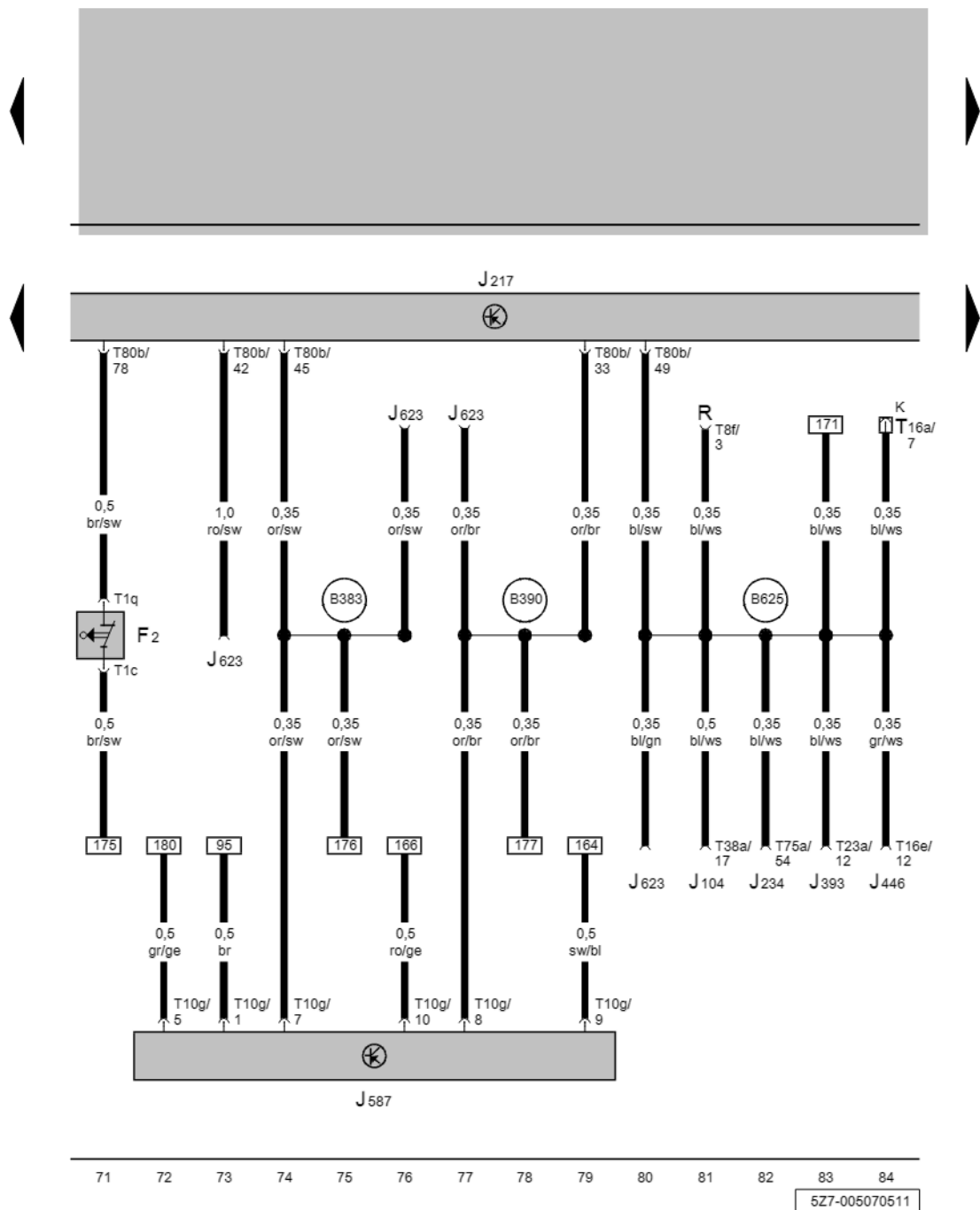
12 Earth point in engine compartment left



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li = purple  
ge = yellow  
or = orange  
rs = pink







Driver door contact switch  
Automatic transmission control unit  
Selector lever sensor control unit

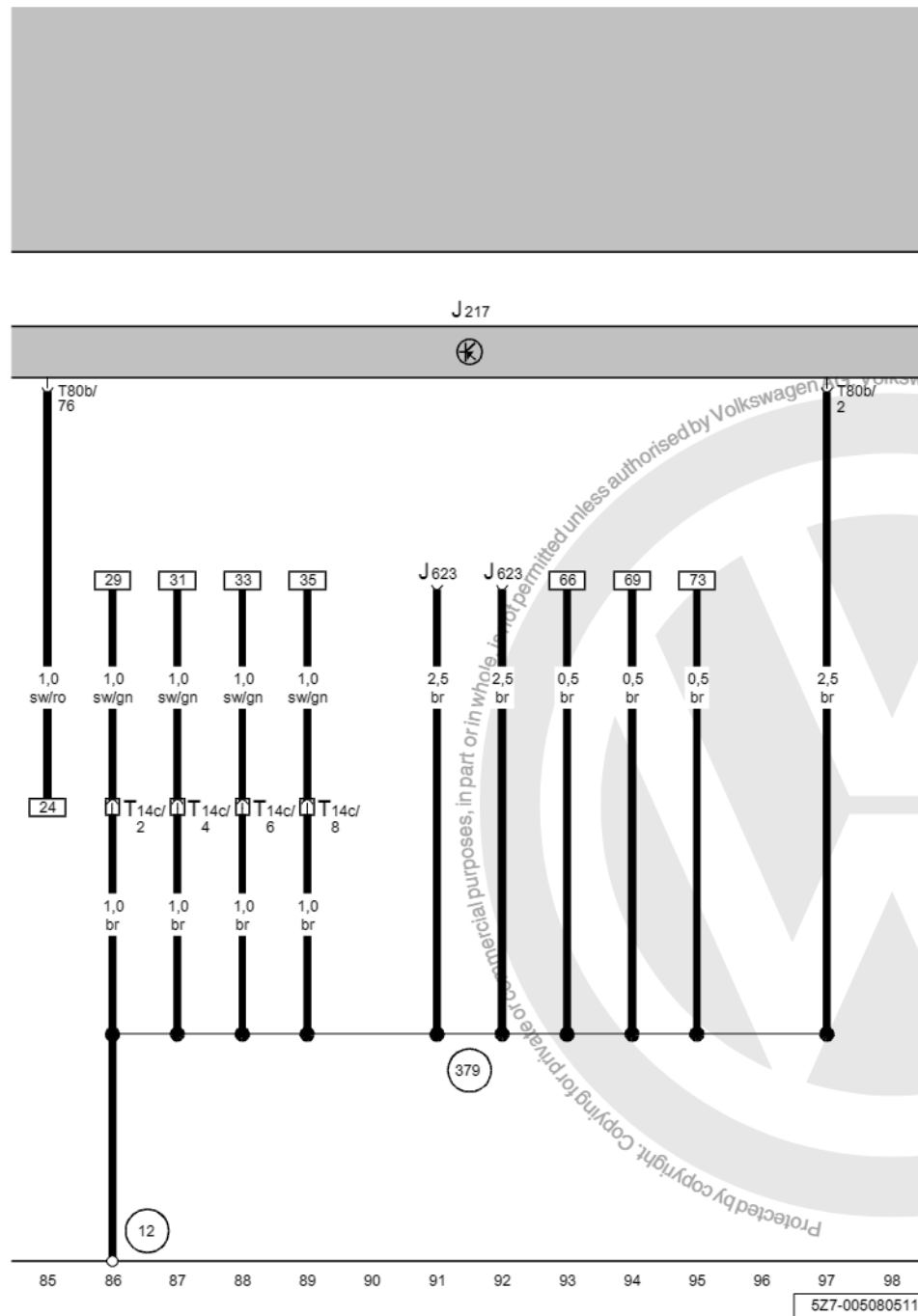
- F2 Driver door contact switch
- J104 ABS control unit
- J217 Automatic transmission control unit
- J234 Airbag control unit
- J393 Central control unit for the convenience system
- J446 Control unit for parking aid
- J587 The Selector lever sensor control unit
- J623 Engine control unit
- R Radio
- T1c Fitting connector single on Driver door contact switch
- T1q Fitting connector single on Driver door contact switch
- T8f Fitting connector 8pin on radio
- T10g Fitting connector 10 poles on selector lever sensor control unit
- T16a Fitting connector 16 poles in diagnosis
- T16e Fitting connector 16 poles on control unit for parking aid
- T23a Fitting connector 23 poles on central control unit for the convenience system
- T38a Fitting connector 38 poles on ABS control unit
- T75a Fitting connector 75 poles on airbag control unit
- T80b Fitting connector 80 poles on automatic transmission control unit

- B383 Connection 1 CANbus 'high' command on main harness
- B390 Connection 1 CANbus 'low' command on main harness
- B625 Connection diagnostic cable K on main harness

Automatic transmission control unit

- J217 Automatic transmission control unit
- J623 Engine control unit
- T14c Fitting connector 14 poles under gearshift mechanism cover
- T80b Fitting connector 80 poles on automatic transmission control unit

- 12 Earth point in engine compartment left
- 379 Earth connection 14 in main harness

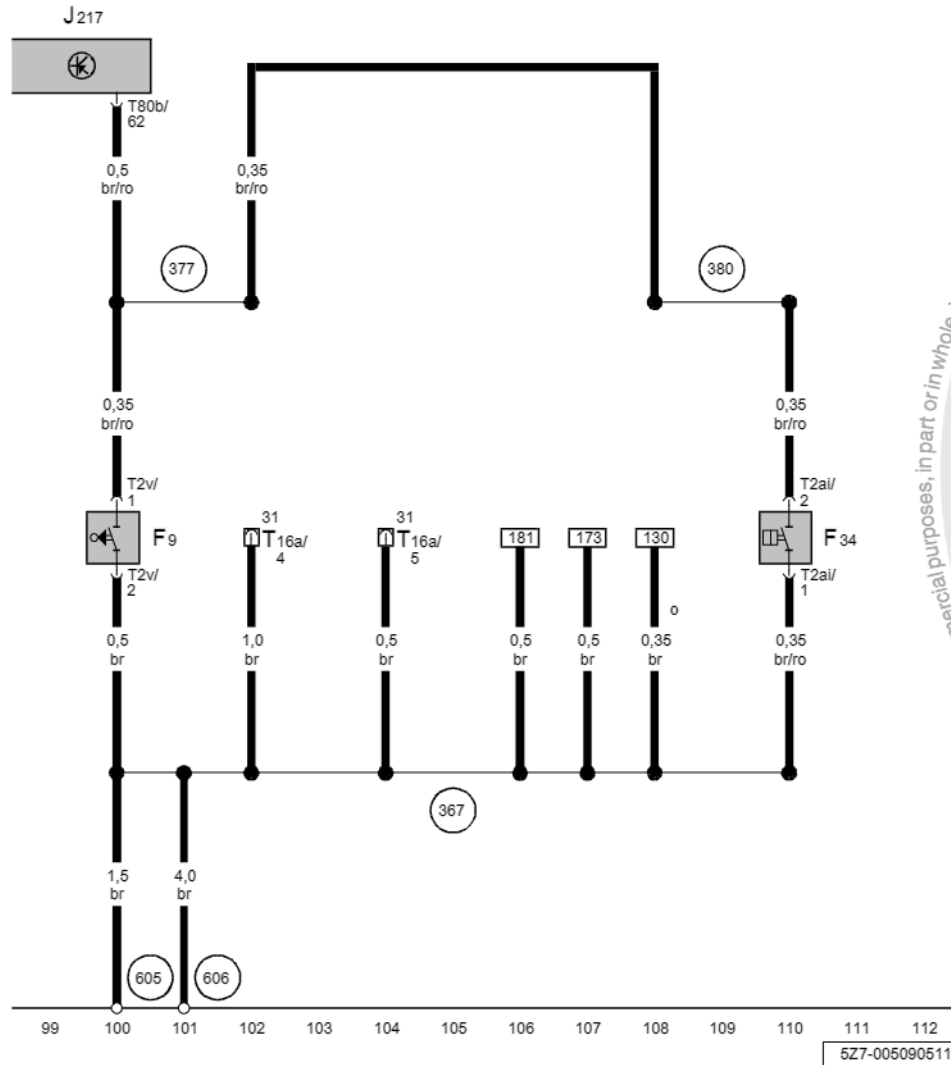


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Park brake control switch Brake oil level warning contact  
Automatic transmission control unit

- F9 Handbrake warning switch
- F34 Brake oil level warning contact
- J217 Automatic transmission control unit
- T2v Fitting connector 2pin on Park brake control switch
- T2ai Fitting connector 2pin on Brake oil level warning contact
- T16a Fitting connector 16 poles in diagnosis
- T80b Fitting connector 80 poles on automatic transmission control unit

- 367 Earth connection 2 in main harness
  - 377 Earth connection 12 in main harness
  - 380 Earth connection 15 in main harness
  - 605 Earth point in upper steering column area
  - 606 Earth point under the centre console near the selection lever
- Only for vehicles with buttons on steering wheel for radio command

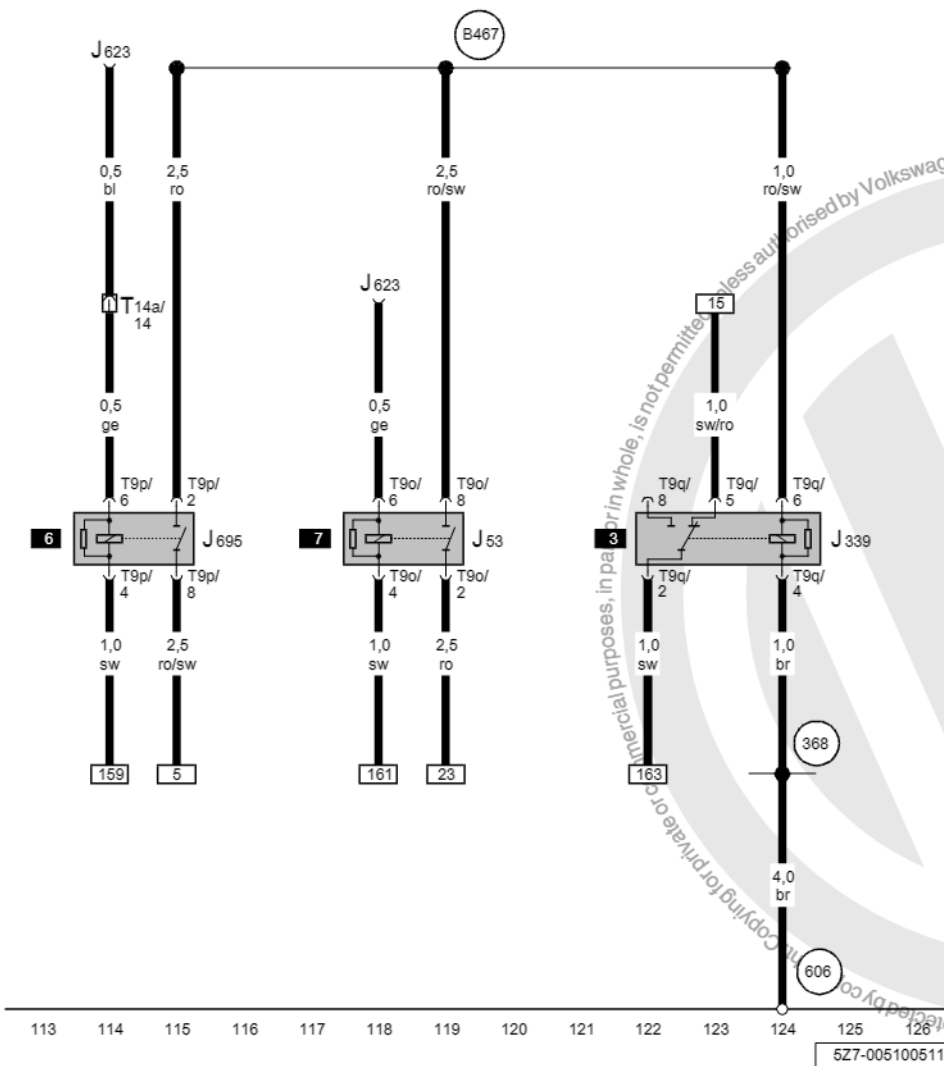


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- ge = yellow
- or = orange
- rs = pink

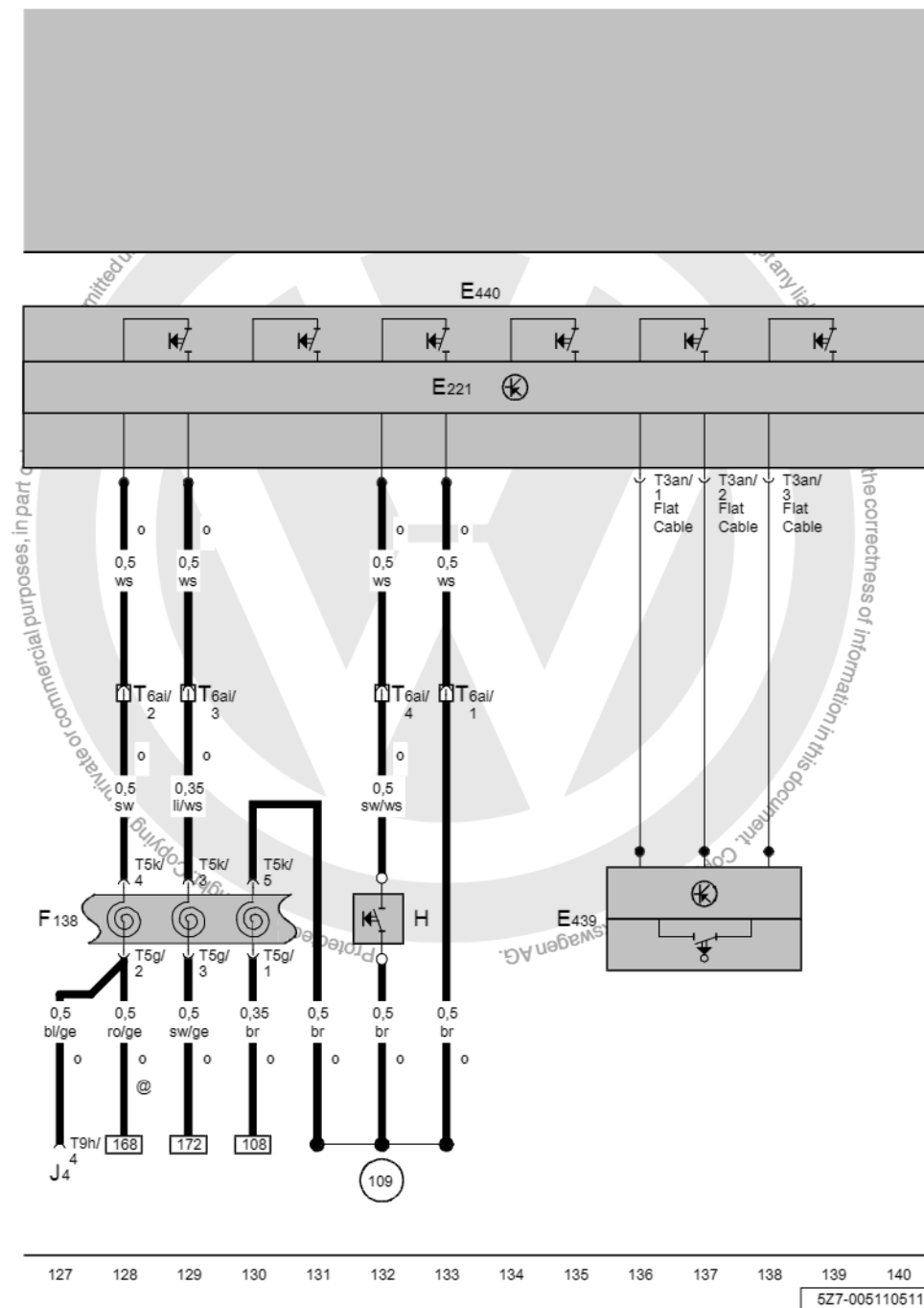
Starter motor relay X contact relief relay 2 Starter motor relay 2

- J53 Starter motor relay
- J339 X contact relief relay 2
- J623 Engine control unit
- J695 Starter motor relay 2
- T9o Fitting connector 9pin on starter relay
- T9p Fitting connector 9pin on starter relay 2
- T9q Fitting connector 9pin in Xcontact relief relay 2
- T14a Fitting connector 14 poles on left engine compartment

- 368 Earth connection 3 in main harness
- 606 Earth point under the centre console near the selection lever
- B467 Connection 3 on main harness



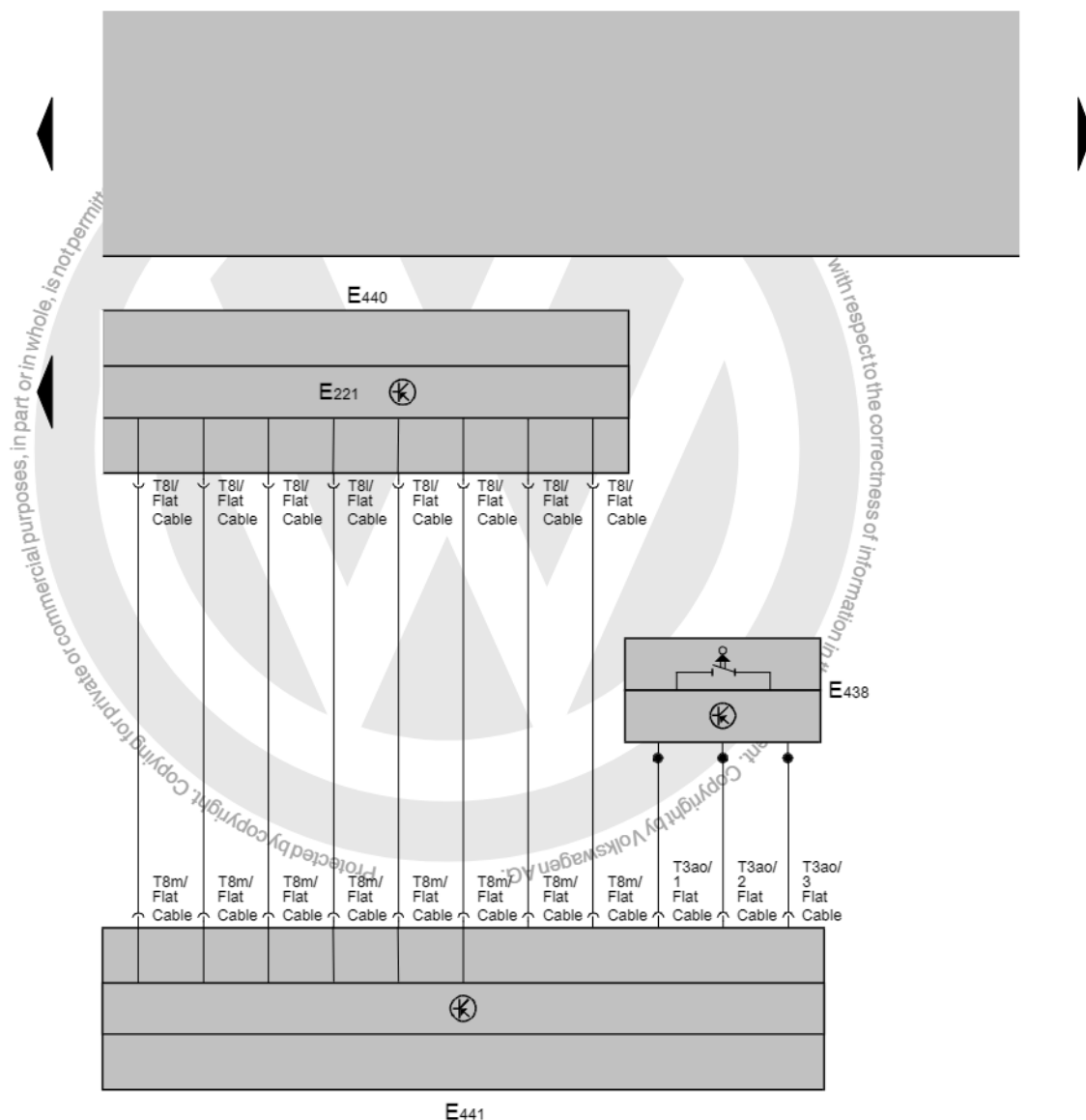
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- ge = yellow
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- rs = pink



Control unit on the steering wheel 'Tiptronic' downshift switch on the steering wheel Multifunction controls on the left side of the steering wheel Airbag coil connector and return ring with slip ring Horn actuator

- E221 Control unit on the steering wheel
- E439 'Tiptronic' downshift switch on the steering wheel
- E440 Multifunction controls on the left side of the steering wheel
- F138 Airbag coil connector and return ring with slip ring
- H Horn activator
- J4 Dual tone horn relay
- T3an Fitting connector 3pin on multifunction controls on the left side of the steering wheel
- T5g Fitting connector 5pin on airbag coil connector and return ring with slip ring
- T5k Fitting connector 5pin on airbag coil connector and return ring with slip ring
- T6ai Fitting connector 6pin in steering wheel
- T9h Fitting connector 9pin in dual tone horn relay
- 109 Earth connection in the airbag wiring harness

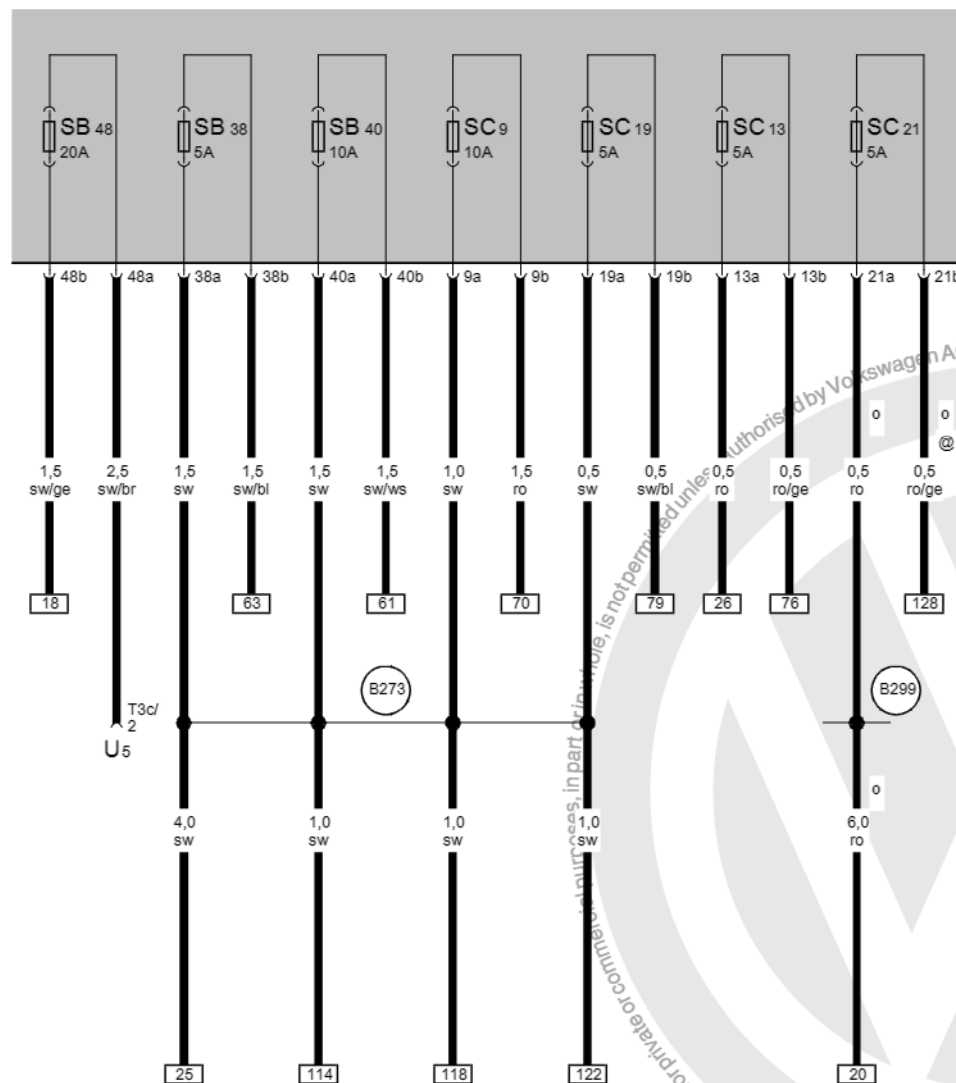
Only for vehicles with interactive system  
Only for vehicles with buttons on steering wheel for radio command



Control unit on the steering wheel 'Tiptronic' up shift switch on the steering wheel Multifunction controls on the left side of the steering wheel Multifunction controls on the right side of the steering wheel

- E221 Control unit on the steering wheel
- E438 'Tiptronic' up shift switch on the steering wheel
- E440 Multifunction controls on the left side of the steering wheel
- E441 Multifunction controls on the right side of the steering wheel
- T3ao Fitting connector 3pin on multifunction controls on the right side of the steering wheel
- T8l Fitting connector 8pin on multifunction controls on the left side of the steering wheel
- T8m Fitting connector 8pin on multifunction controls on the right side of the steering wheel

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# Fuses

- SC9 Fuse 9 on fuse holder C
- SC13 Fuse 13 on fuse holder C
- SC19 Fuse 19 on fuse holder C
- SC21 Fuse 21 on fuse holder C
- SB38 Fuse 38 on fuse holder B
- SB40 Fuse 40 on fuse holder B
- SB48 Fuse 48 on fuse holder B
- T3c Fitting connector 3pin on 12volt socket
- U5 12volt socket

B273 Positive connection 15 on main harness

B299 Positive connection 3 30 on main harness

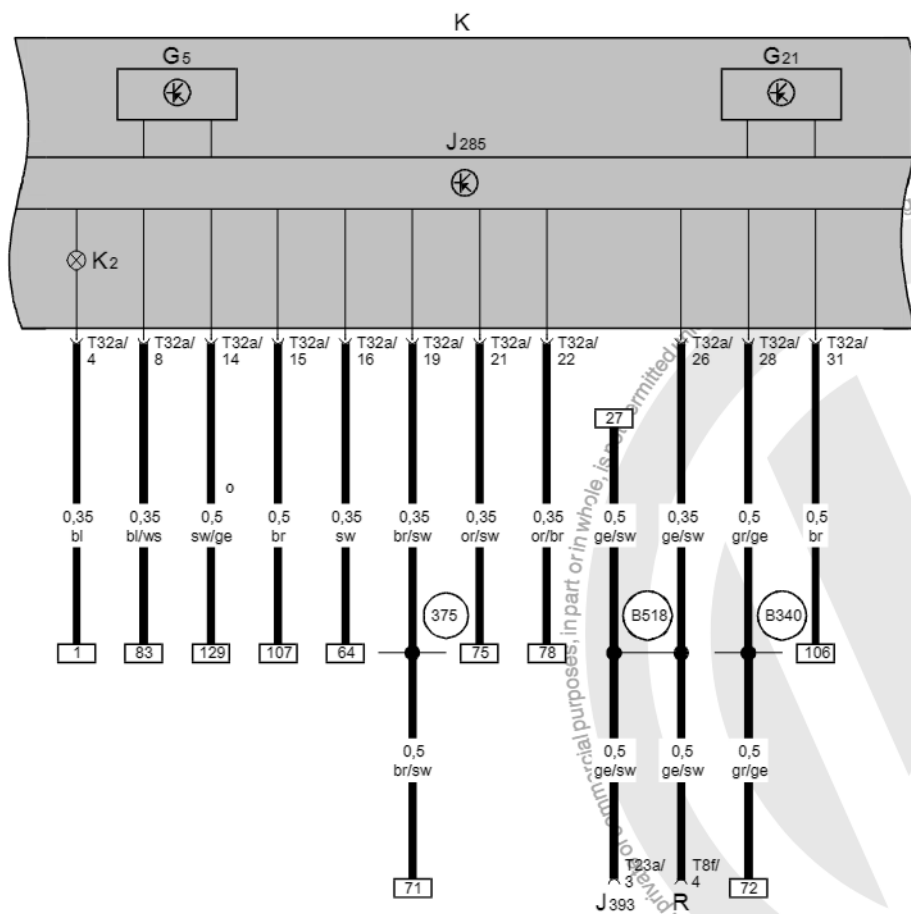
Only for vehicles with interactive system  
Only for vehicles with buttons on steering wheel for radio command

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Tachometer Speedometer Control unit w indicator on the combined instrument Combined instrument Alternator control light

- G5 Tachometer
  - G21 Speedometer
  - J285 Control unit w indicator on the combined instrument
  - J393 Central control unit for the convenience system
  - K Combined instrument
  - K2 Alternator control light
  - R Radio
  - T8f Fitting connector 8pin on radio
  - T23a Fitting connector 23 poles on central control unit for the convenience system
  - T32a 32pin connector
  - 375 Earth connection 10 in main harness
  - B340 Connection 1 58d on main harness
  - B518 Connection 86s on main harness
- Only for vehicles with buttons on steering wheel for radio command



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## Antilock system ABS

From March 2010

### Notes

For information about

◆ Location of relay and fuse

◆ Connectors

◆ Control units

◆ Earth points

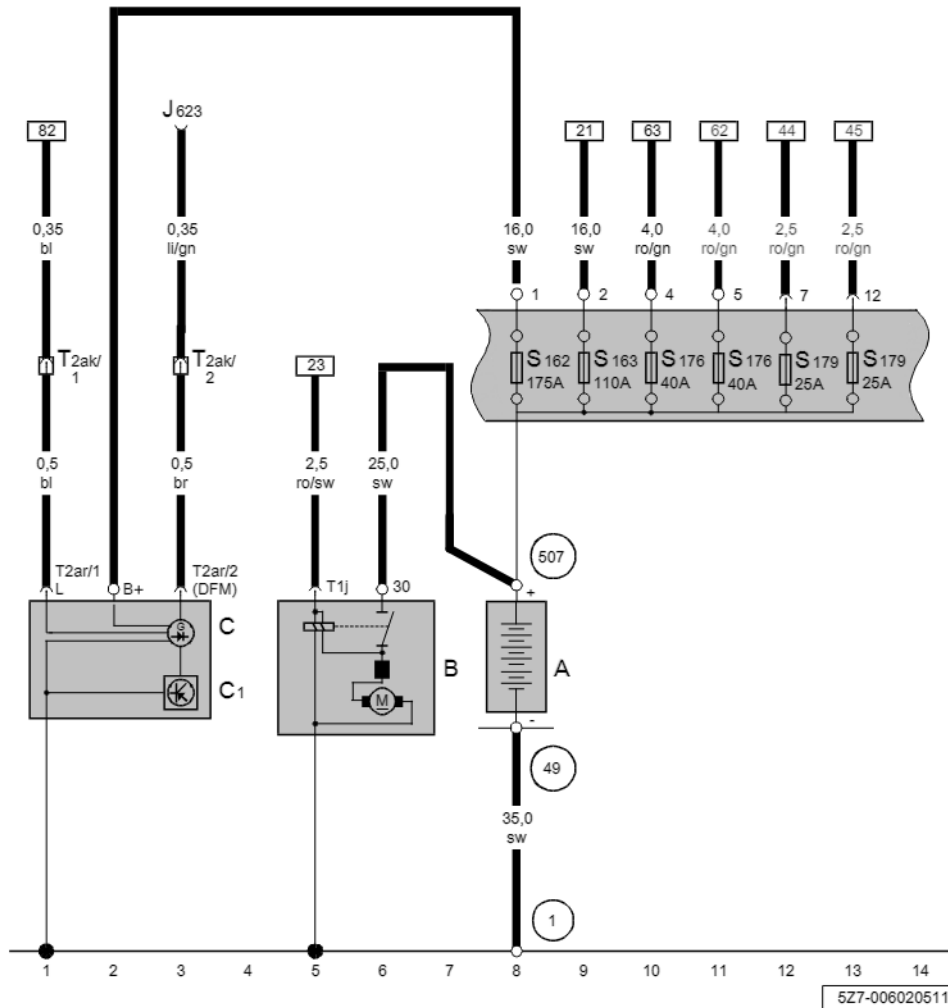
⇒ See fitting locations

For information about

◆ Assisted fault pinpointing

⇒ See Guided functions



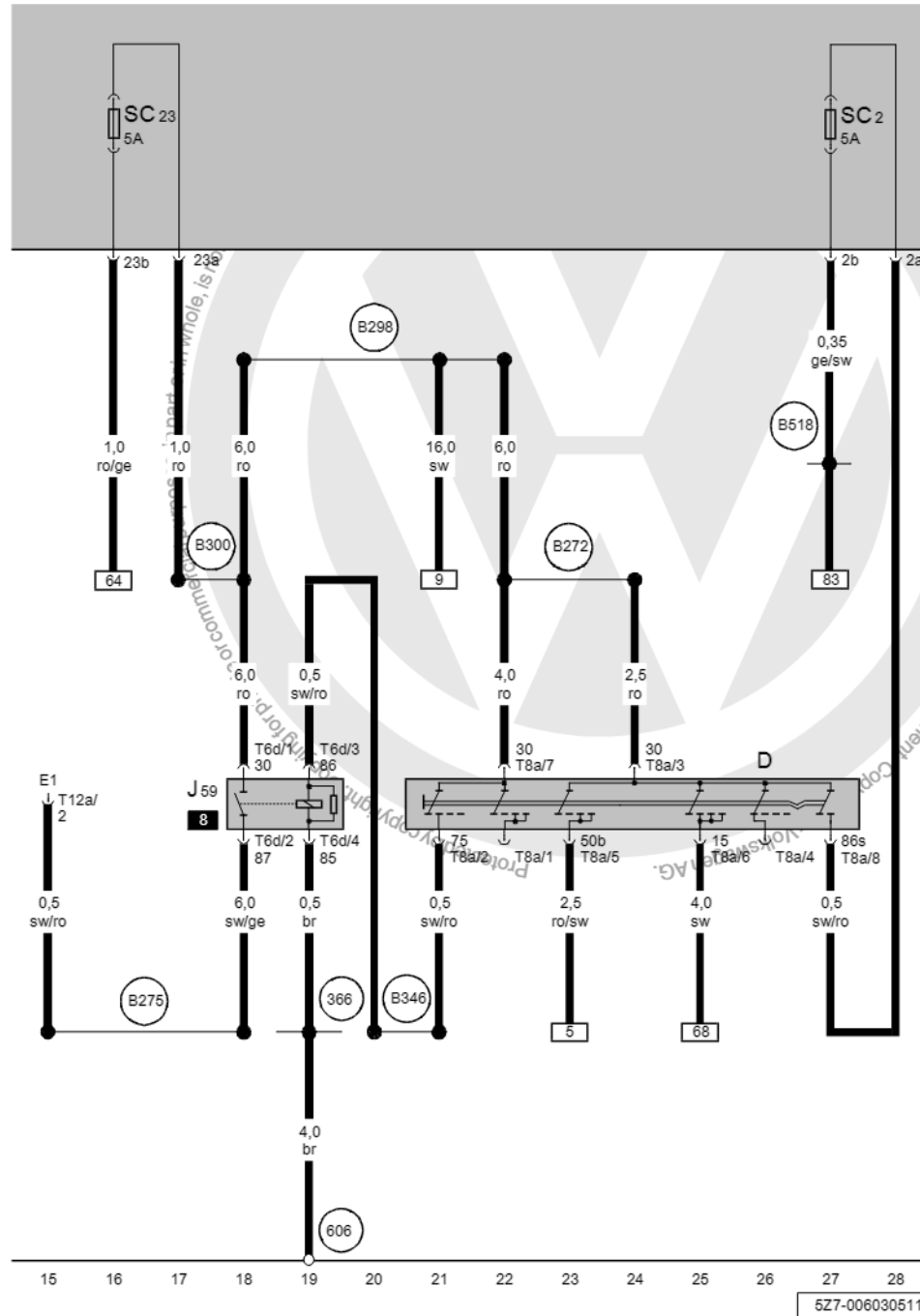


# Battery Starter Generator Alternator Voltage regulator

- A Battery
- B Starter
- C Generator Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 30 in battery fuse holder
- S163 Fuse 2 30 in battery fuse holder
- S176 Fuse 4 30 in battery fuse holder
- S179 Fuse 7 30 in battery fuse holder
- T1j Fitting connector single on starter
- T2ak Fitting connector 2pin on engine compartment
- T2ar Fitting connector 2pin on generator alternator

- 1 Earth strap battery body
- 49 Earth point near the battery
- 507 Screw connection 30 battery fuse holder

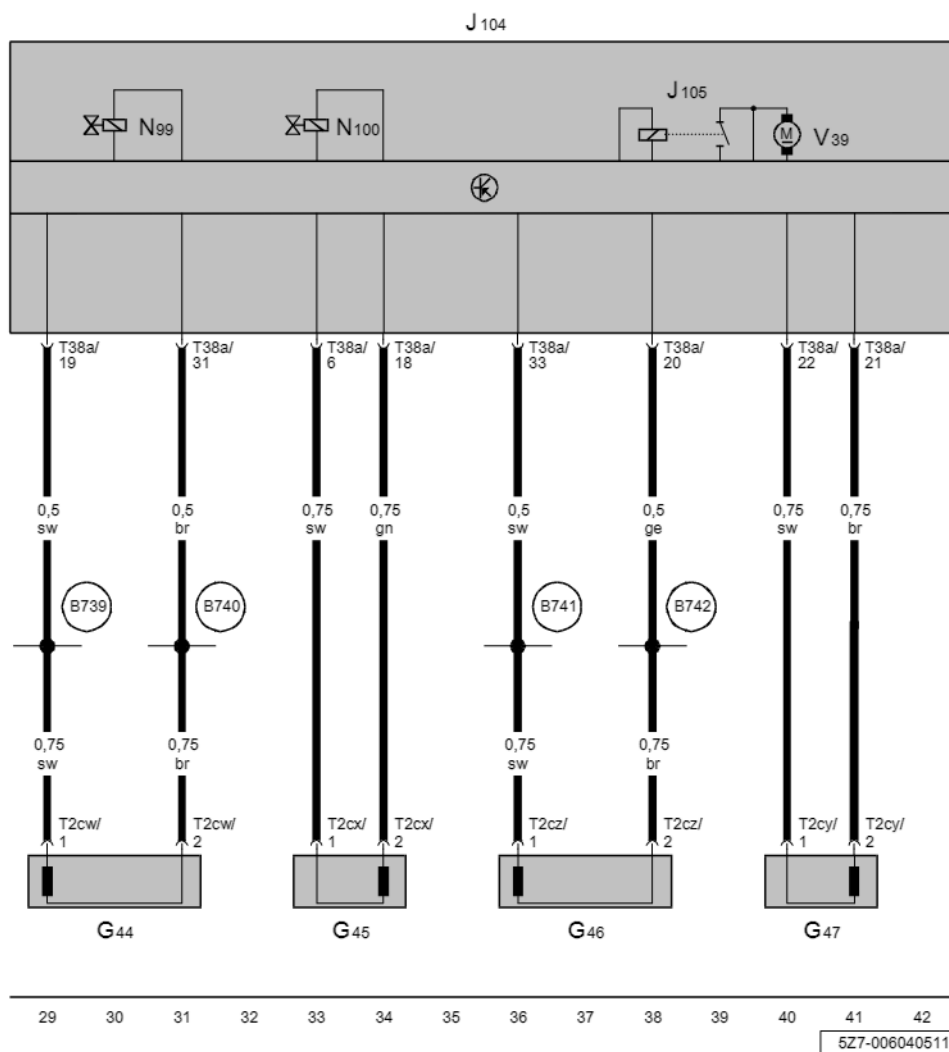
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### Ignition switch Xcontact relief relay

- D Ignition switch
- E1 Light switch
- J59 Xcontact relief relay
- SC2 Fuse 2 on fuse holder C
- SC23 Fuse 23 on fuse holder C
- T6d Fitting connector 6 in Xcontact relief relay
- T8a Fitting connector 8 on ignition switch
- T12a Fitting connector 12 on positive connection on main harness
- 366 Earth connection 1 in main harness
- 606 Earth point under the centre console near the selection lever
- B272 Positive connection 30 on main harness
- B275 Positive connection 87 on main harness
- B298 Positive connection 2 30 on main harness
- B300 Positive connection 4 30 on main harness
- B346 Connection 1 75 on main harness
- B518 Connection 86s on main harness

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Right rear wheel rotation sensor  
 Right front wheel rotation sensor  
 Rear left wheel rotation sensor  
 Front left wheel rotation sensor  
 ABS control unit  
 ABS return flow pump relay  
 Front right ABS inlet valve EV  
 Front right ABS outlet valve AV  
 ABS reflux pump

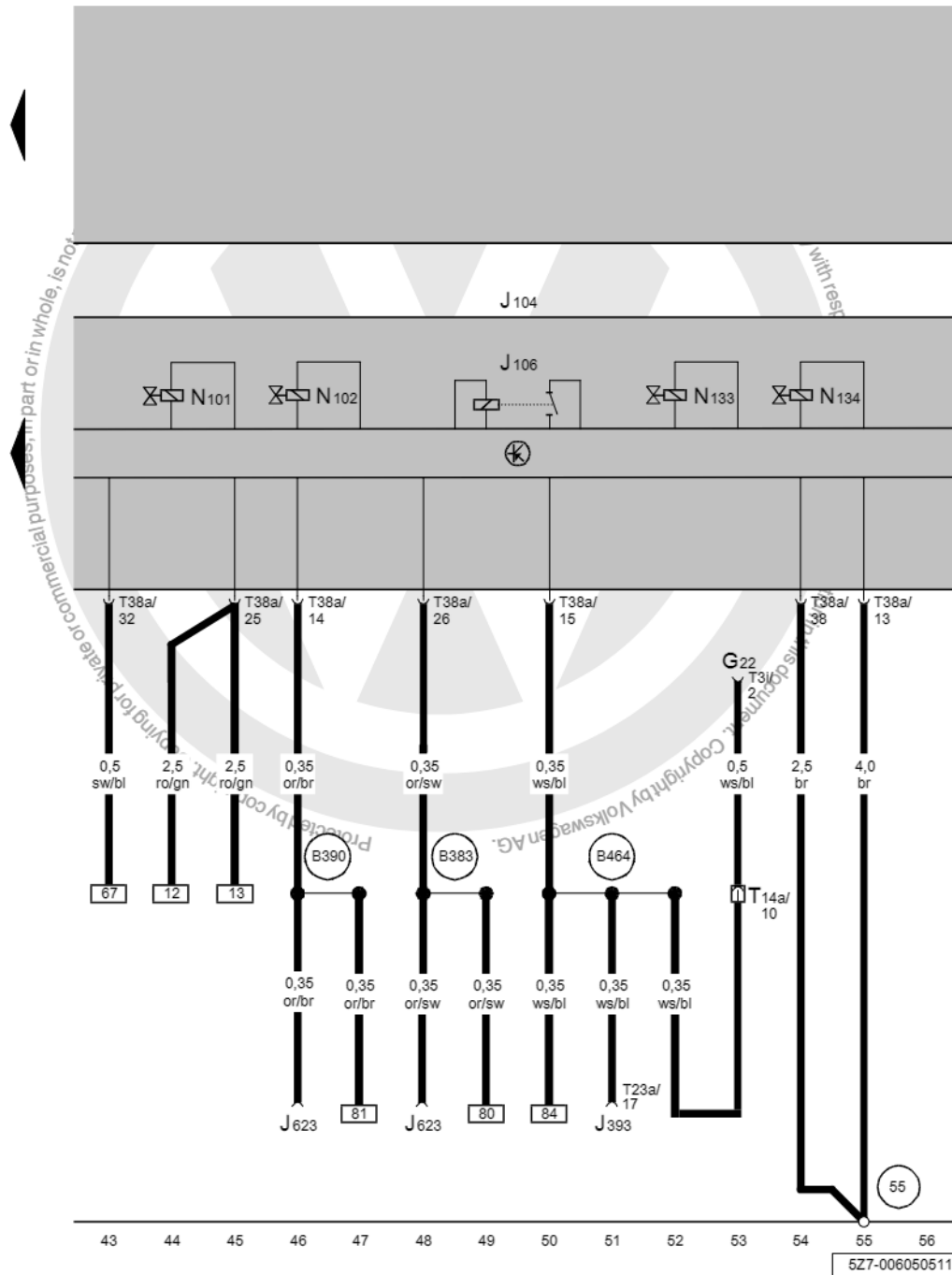
- G44 Rear right wheel rotation sensor
- G45 Front right wheel rotation sensor
- G46 Left rear wheel rotation sensor
- G47 Left front wheel rotation sensor
- J104 ABS control unit
- J105 ABS return flow pump relay
- N99 Front right ABS inlet valve EV
- N100 Front right ABS outlet valve AV
- T2cx Fitting connector 2pin on front right wheel rotation sensor
- T2cz Fitting connector 2pin on left rear wheel rotation sensor
- T2cy Fitting connector 2pin on left front wheel rotation sensor
- T2cw Fitting connector 2pin on rear right wheel rotation sensor
- T38a Fitting connector 38 poles on ABS control unit
- V39 ABS reflux pump

- B739 Connection right rear rotation sensor on main harness
- B740 Connection right rear rotation sensor on main harness
- B741 Connection left rear rotation sensor on main harness
- B742 Connection left rear rotation sensor on main harness

ws = white  
 sw = black  
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 rs = pink

ABS control unit ABS solenoid valve relay Front left ABS inlet valve EV Front left ABS outlet valve AV Rear right ABS inlet valve EV Rear left ABS inlet valve EV

- G22 Speed sensor
- J104 ABS control unit
- J106 ABS solenoid valve relay
- J393 Central control unit for the convenience system
- J623 Engine control unit
- N101 Front left ABS inlet valve EV
- N102 Front left ABS outlet valve AV
- N133 Rear right ABS inlet valve EV
- N134 Rear left ABS inlet valve EV
- T3i Fitting connector 3pin on speed sensor
- T14a Fitting connector 14 poles on left engine compartment
- T23a Fitting connector 23 poles on central control unit for the convenience system
- T38a Fitting connector 38 poles on ABS control unit
- 55 Earth point next to ABS control unit
- B383 Connection 1 CANbus 'high' command on main harness
- B390 Connection 1 CANbus 'low' command on main harness
- B464 Connection speed signal on main harness

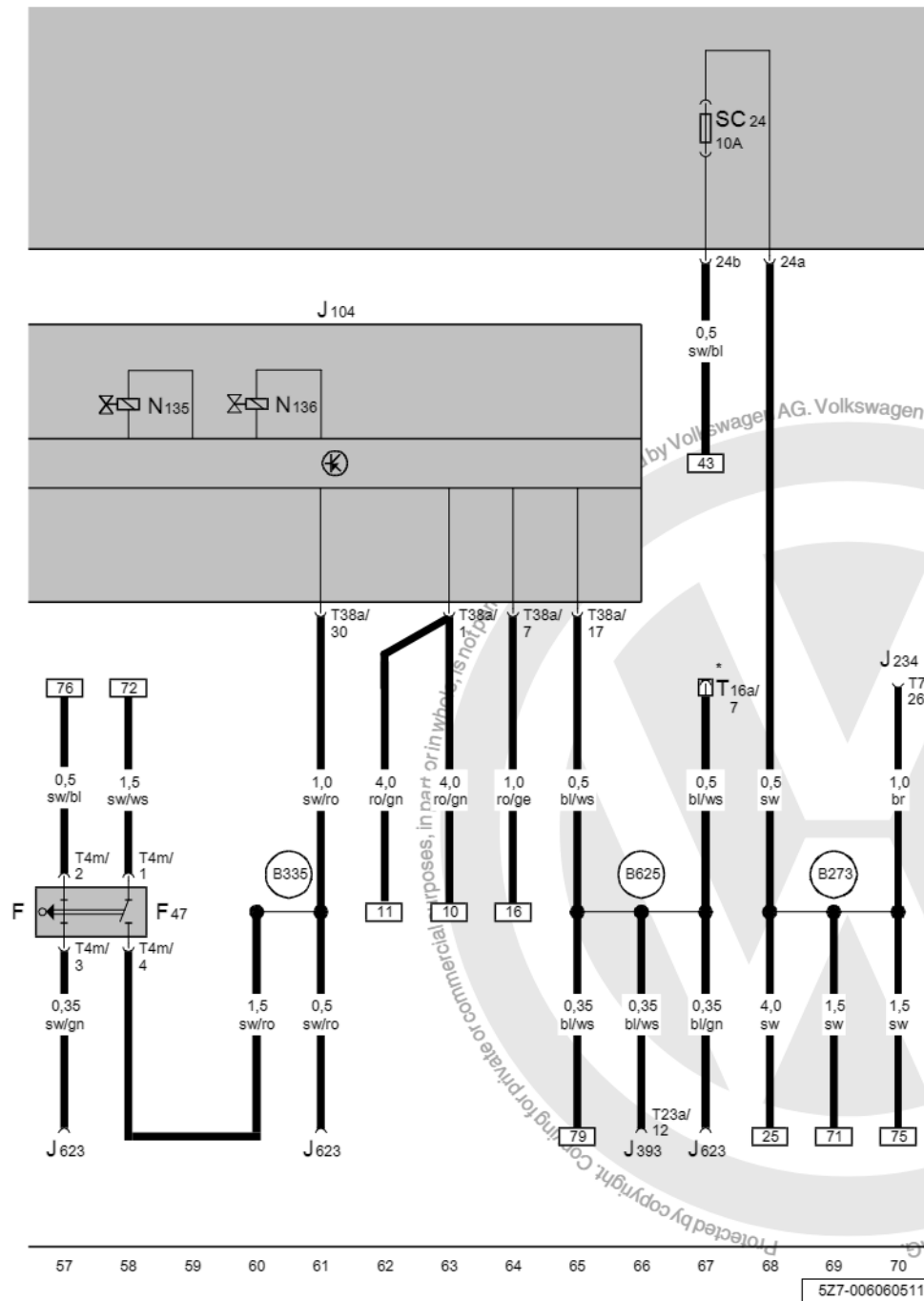


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Brake light switch Brake pedal switch ABS control unit Rear right ABS outlet valve AV Rear left ABS outlet valve AV

- F Brake light switch
- F47 Brake pedal switch
- J104 ABS control unit
- J234 Airbag control unit
- J393 Central control unit for the convenience system
- J623 Engine control unit
- N135 Rear right ABS outlet valve AV
- N136 Rear left ABS outlet valve AV
- SC24 Fuse 24 on fuse holder C
- T4m Fitting connector 4pin on brake pedal switch
- T16a Fitting connector 16 poles in diagnosis
- T23a Fitting connector 23 poles on central control unit for the convenience system
- T38a Fitting connector 38 poles on ABS control unit
- T75a Fitting connector 75 poles on airbag control unit

- B273 Positive connection 15 on main harness
- B335 Connection 1 54 on main harness
- B625 Connection on main harness
- Diagnosis connection



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G5	Tachometer
G21	Speedometer
J285	Control unit w indicator on the combined instrument
K	Combined instrument
K2	Alternator control light
K47	ABS control light
T32a	Fitting connector 32 poles on Control unit w indicator on the combined instrument
SB38	Fuse 38 on fuse holder B
SB40	Fuse 40 on fuse holder B
B277	Positive connection 1 15a on main harness



## Basic equipment

from March 2010 to May 2011

### Notes

For information about

◆ Location of relay and fuse

◆ Connectors

◆ Control units

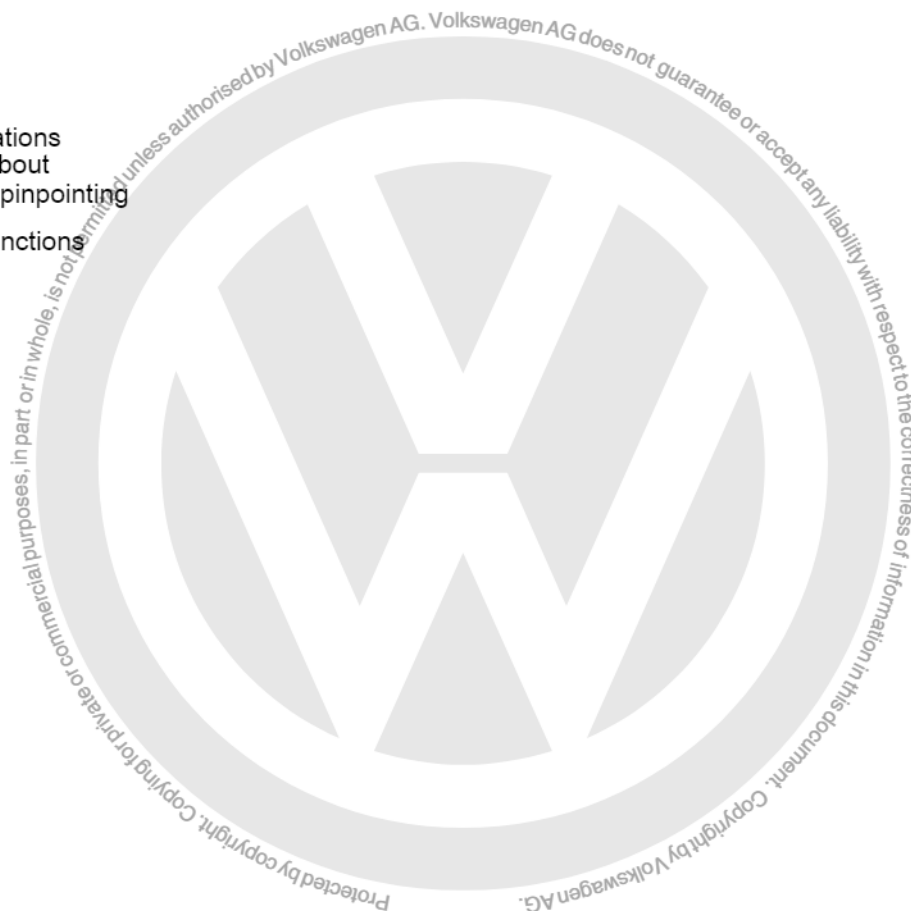
◆ Earth points

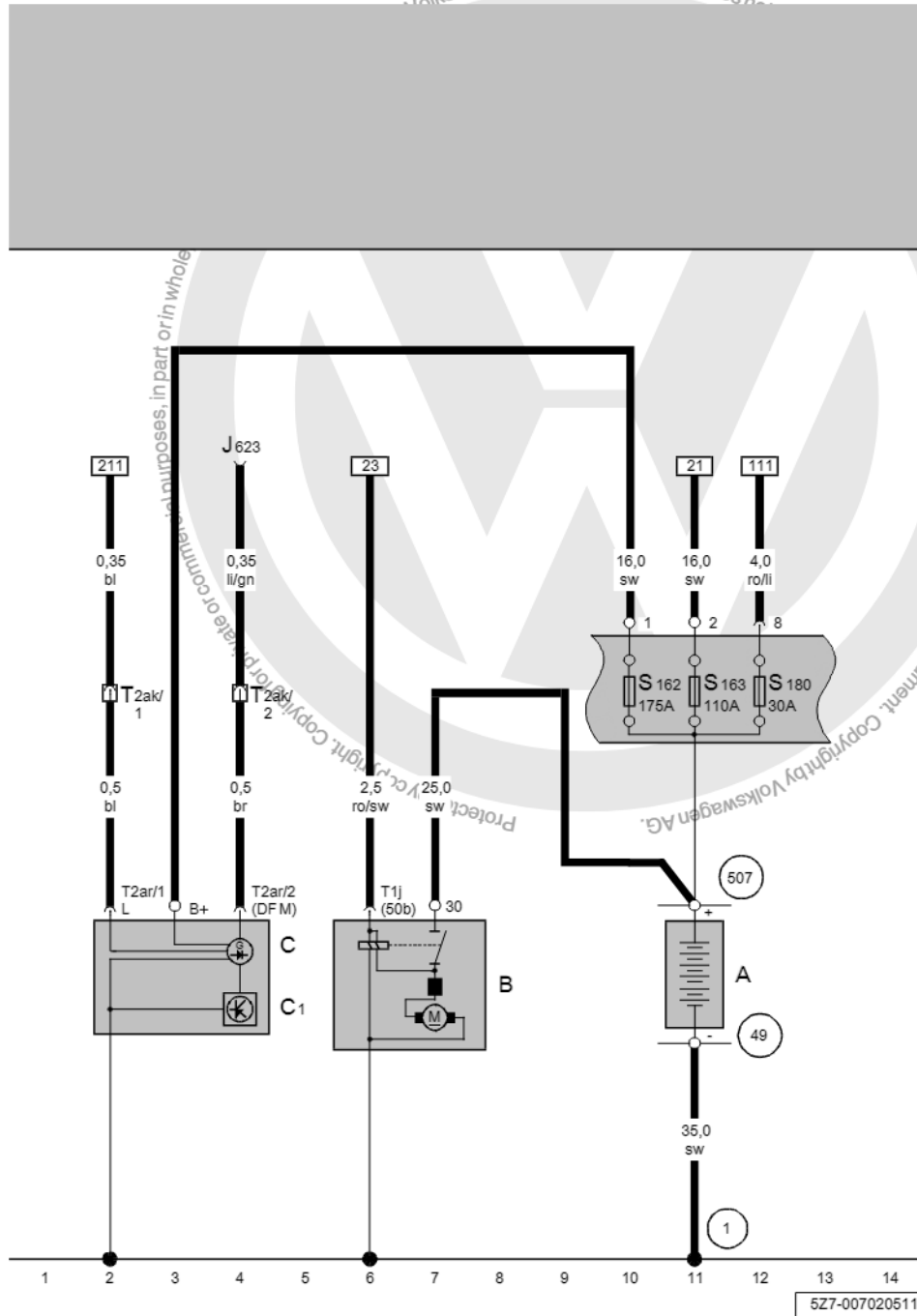
⇒ See fitting locations

For information about

◆ Assisted fault pinpointing

⇒ See Guided functions



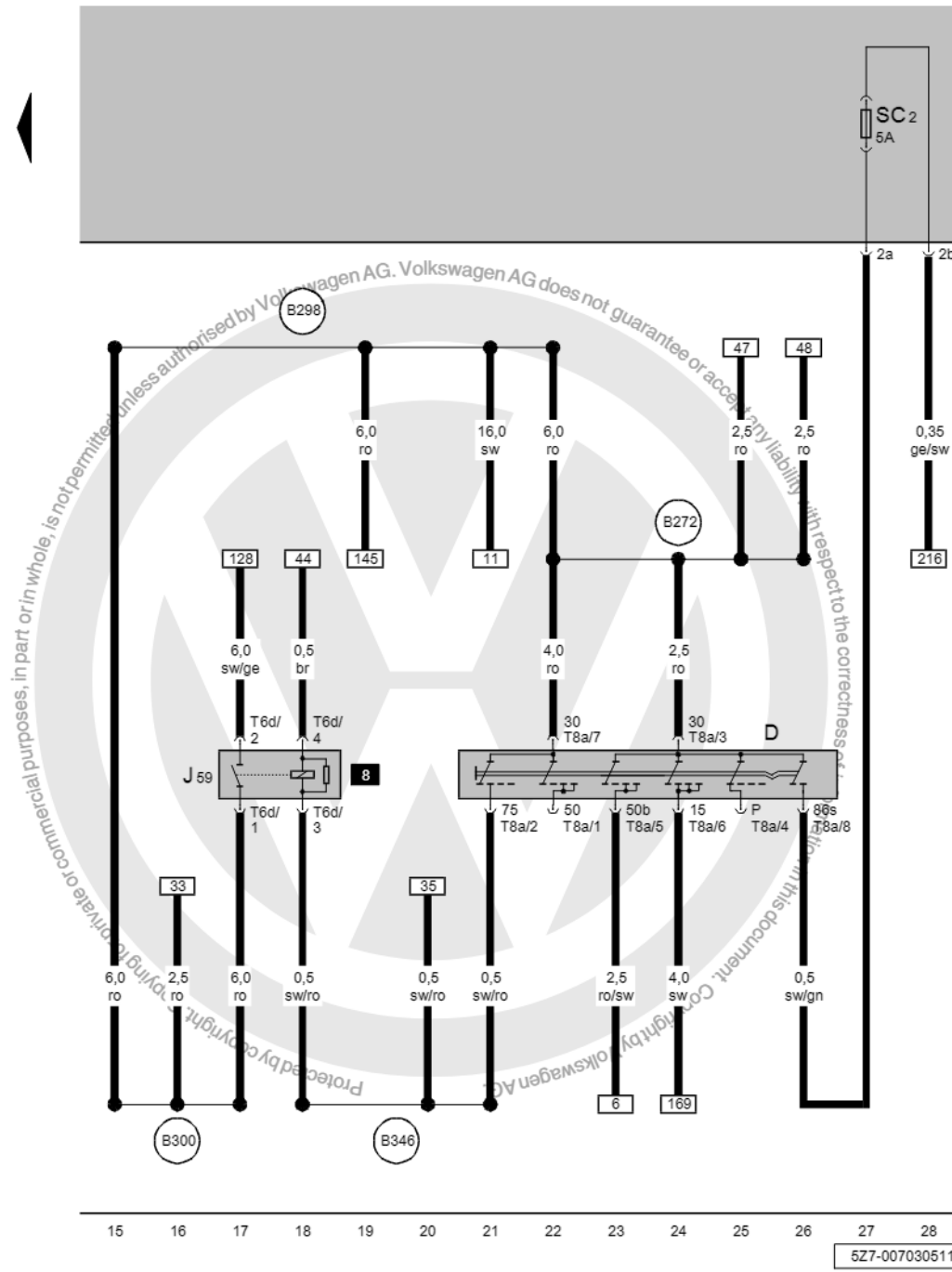


Battery Starter Generator Alternator Voltage regulator

- |      |  |
|------|--|
| A    | Battery  |
| B    | Starter  |
| C    | Generator Alternator                           |
| C1   | Voltage regulator                              |
| J623 | Engine control unit                            |
| S162 | Fuse 1 30 in battery fuse holder               |
| S163 | Fuse 2 30 in battery fuse holder               |
| S180 | Fuse 8 30 in battery fuse holder               |
| T1j  | Fitting connector single on starter            |
| T2ak | Fitting connector 2pin on engine compartment   |
| T2ar | Fitting connector 2pin on generator alternator |

- 1 Earth strap battery body
- 49 Earth point near the battery
- 507 Screw connection 30 battery fuse holder

- ws = white  
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### Ignition switch Xcontact relief relay

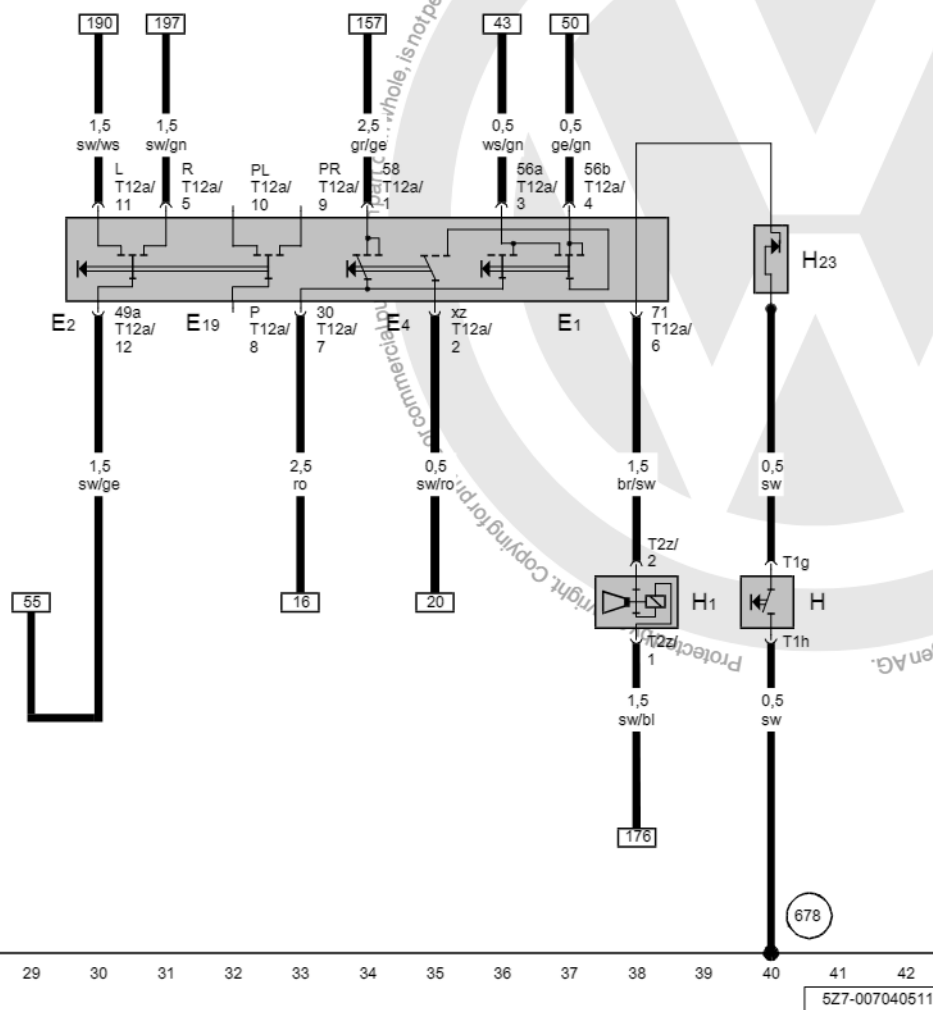
- D Ignition switch
- J59 Xcontact relief relay
- SC2 Fuse 2 on fuse holder C
- T6d Fitting connector 6pin in Xcontact relief relay
- T8a Fitting connector 8pin on ignition switch

- B272 Positive connection 30 on main harness
- B298 Positive connection 2 30 on main harness
- B300 Positive connection 4 30 on main harness
- B346 Connection 1 75 on main harness

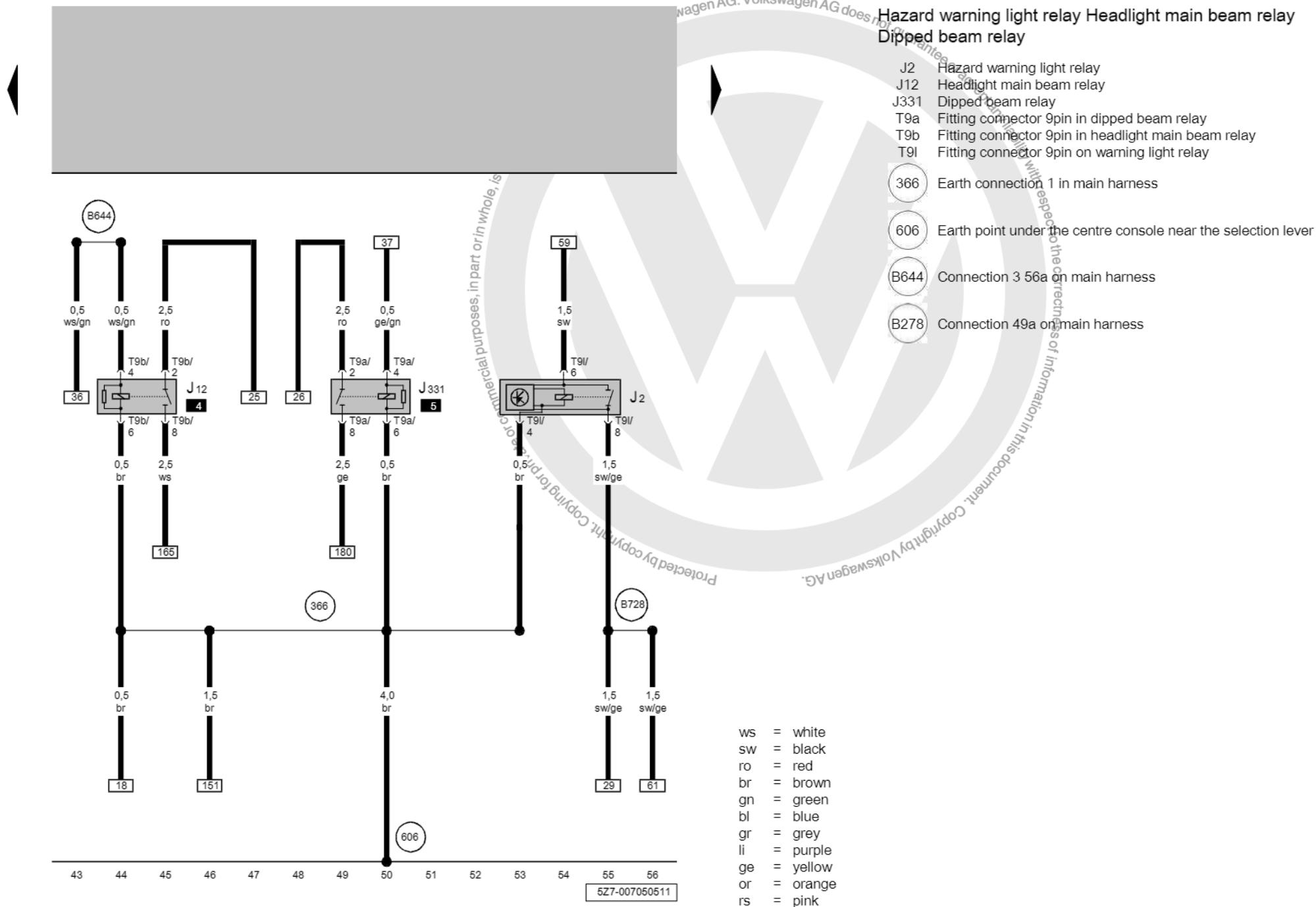
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- rs = pink

Light switch Flashingturn light switch Headlight dipper and flasher switch Parking light switch Horn activator Horn and dual tone horn Horn activation contact ring

- E1 Light switch
- E2 Flashingturn light switch
- E4 Headlight dipper and flasher switch
- E19 Parking light switch
- H Horn activator
- H1 Horn or dual tone horn
- H23 Horn activation contact ring
- T1g Fitting connector single on horn activator
- T1h Fitting connector single on horn activator
- T2z Fitting connector 2pin in horn or dual tone horn
- T12a Fitting connector 12 poles in light switch
- 678 Earth point on steering wheel



ws = white  
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 gr = grey  
 li = purple  
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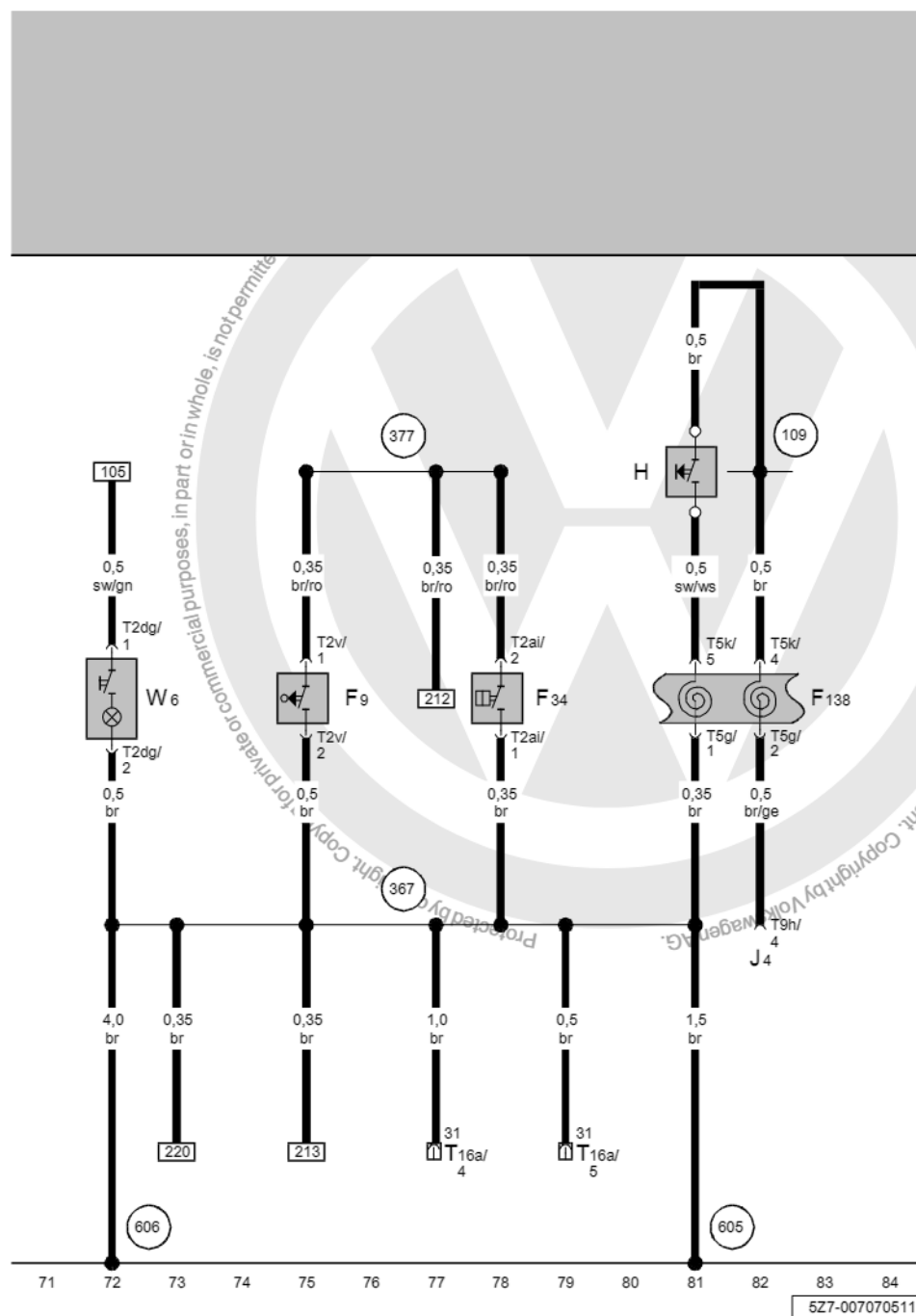


Hazard warning light switch Indicator lamp for hazard warning light Socket illumination bulb 12volt socket Front internal light

- E3 Hazard warning light switch
- K6 Indicator lamp for hazard warning light
- L42 Socket illumination bulb
- T3c Fitting connector 3pin on 12volt socket
- T3e Fitting connector 3pin in front interior light
- T8e Fitting connector 8pin on warning light switch
- T16a Fitting connector 16 poles in diagnosis
- U5 12volt socket
- W1 Front internal light

- 368 Earth connection 3 in main harness
- 606 Earth point under the centre console near the selection lever
- B316 Positive connection 2 30a on main harness
- B340 Connection 1 58d on main harness

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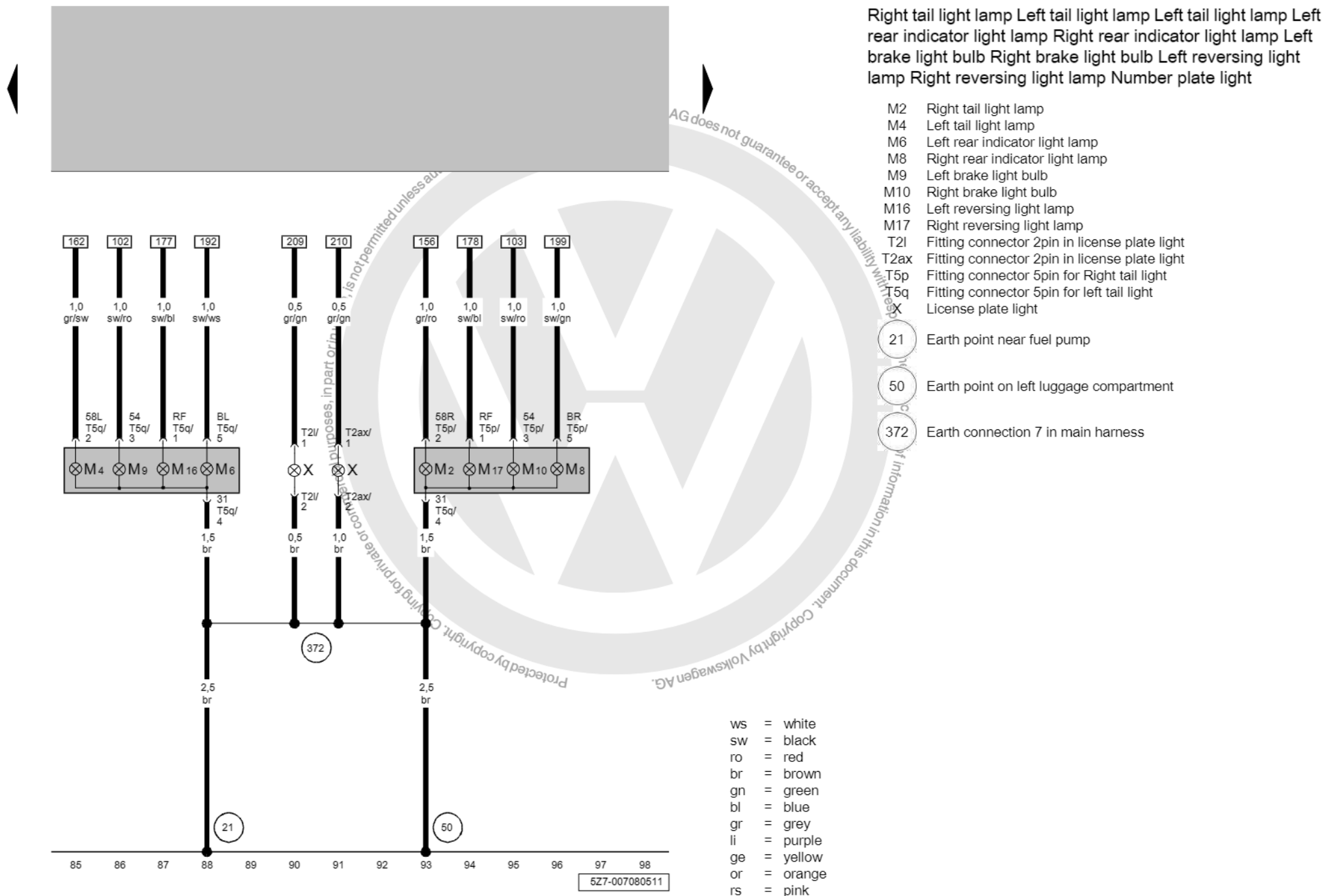


Handbrake warning switch Brake oil level warning contact  
Airbag coil connector and return ring with slip ring Horn  
activator Glove compartment light

- |      |  |
|------|--|
| F9   | Handbrake warning switch   |
| F34  | Brake oil level warning contact  |
| F138 | Airbag coil connector and return ring with slip ring                           |
| H    | Horn activator   |
| J4   | Dual tone horn relay   |
| T2v  | Fitting connector 2pin on Park brake control switch                            |
| T2ai | Fitting connector 2pin on Brake oil level warning contact                      |
| T2dg | Fitting connector 2pin in glove compartment light                              |
| T5g  | Fitting connector 5pin on airbag coil connector and return ring with slip ring |
| T5k  | Fitting connector 5pin on airbag coil connector and return ring with slip ring |
| T9h  | Fitting connector 9pin in dual tone horn relay                                 |
| T16a | Fitting connector 16 poles in diagnosis  |
| W6   | Glove compartment light  |

- 109 Earth connection in the airbag wiring harness
- 367 Earth connection 2 in main harness
- 377 Earth connection 12 in main harness
- 605 Earth point in upper steering column area
- 606 Earth point under the centre console near the selection lever

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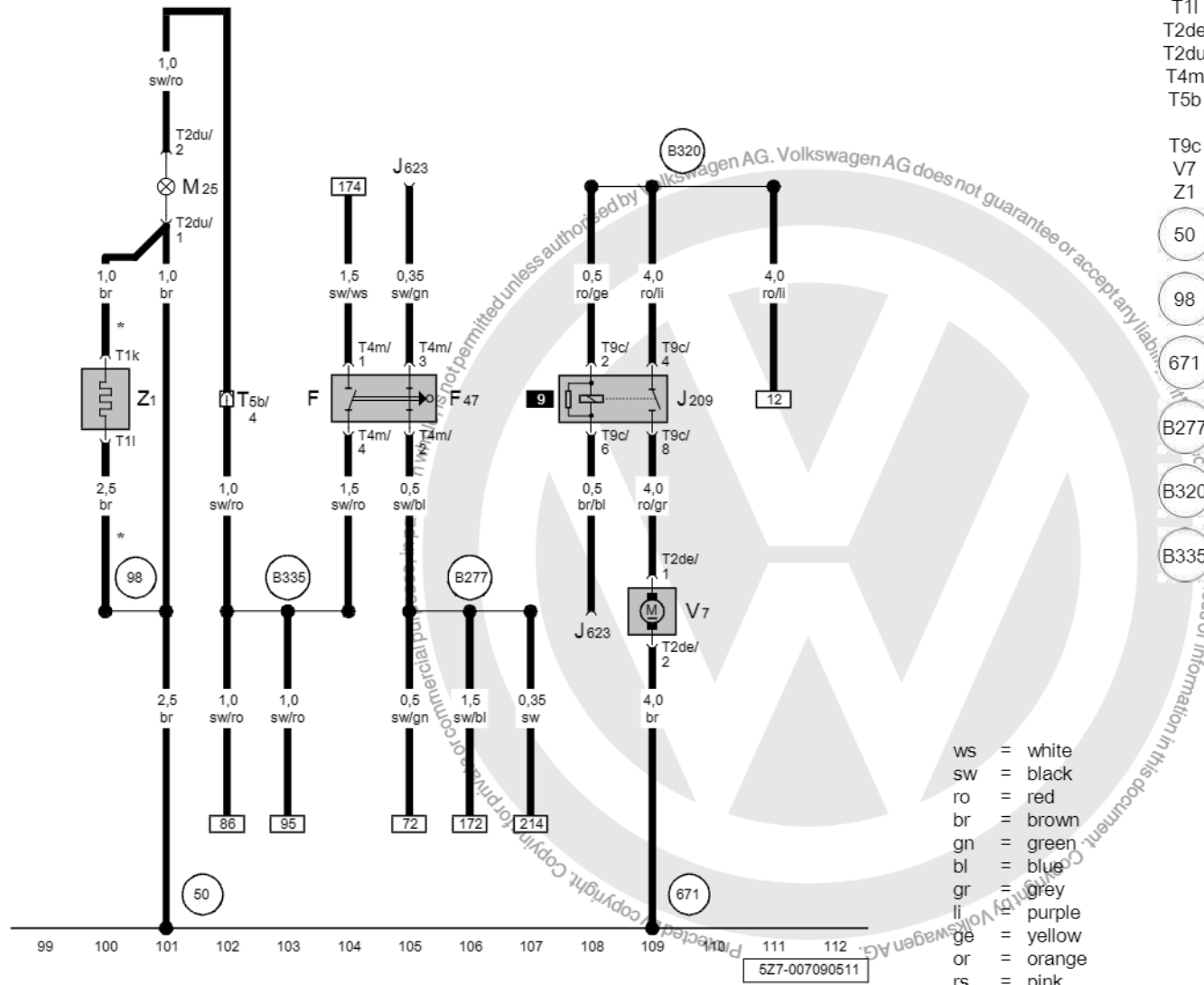




Brake light switch Brake pedal switch Fresh air blower and radiator fan relay Lamp for 'brakelight' Radiator fan Heated rear window

- F Brake light switch
- F47 Brake pedal switch
- J209 Fresh air blower and radiator fan relay
- J623 Engine control unit
- M25 Lamp for 'brakelight'
- T1k Fitting connector single heated rear window
- T1l Fitting connector single heated rear window
- T2de Fitting connector 2pin on radiator fan
- T2du Fitting connector single on lamp for 'brakelight'
- T4m Fitting connector 4pin on brake pedal switch
- T5b Fitting connector 5pin behind rear left side lining near the wheelhouse
- T9c Fitting connector 9pin fresh air blower and radiator fan relay
- V7 Radiator fan
- Z1 Heated rear window

- 50 Earth point on left luggage compartment
- 98 Earth connection on rear lid wiring harness
- 671 Earth point 1 on left front longitudinal member
- B277 Positive connection 1 15a on main harness
- B320 Positive connection 6 30a on main harness
- B335 Connection 1 54 on main harness
- Only for vehicles with heater rear window

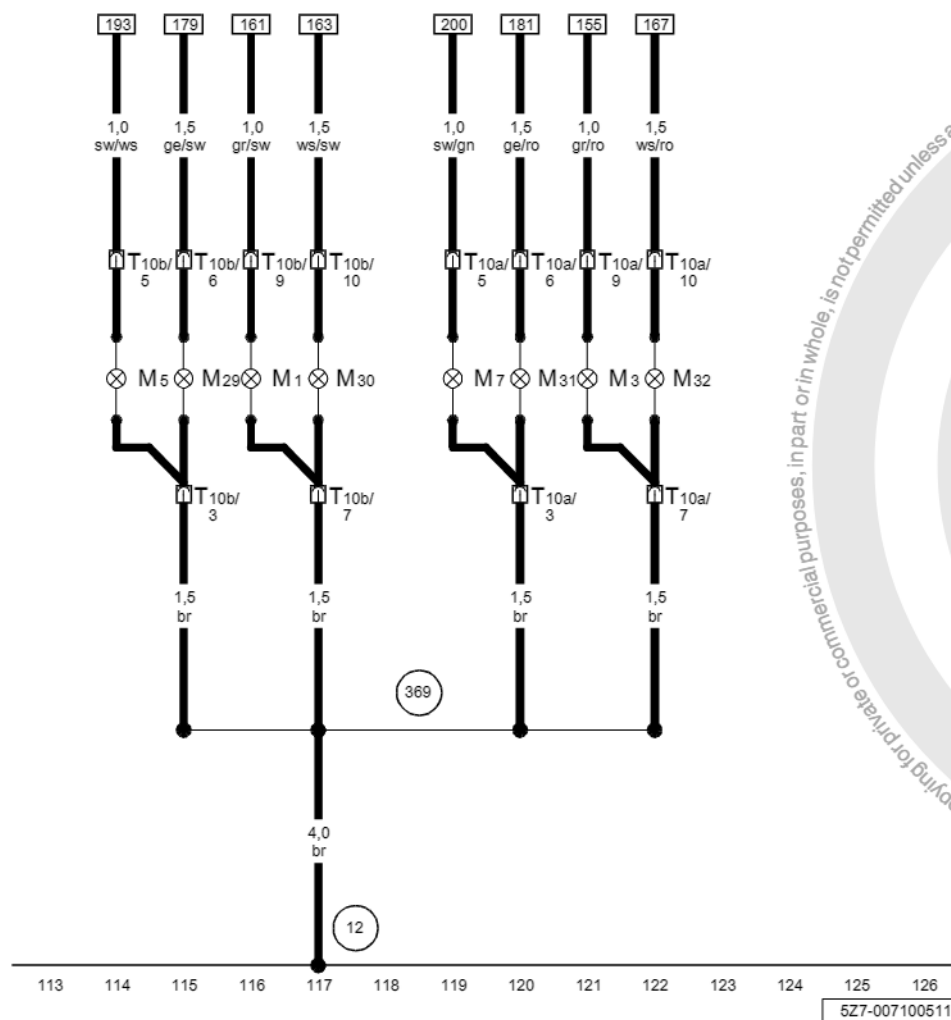


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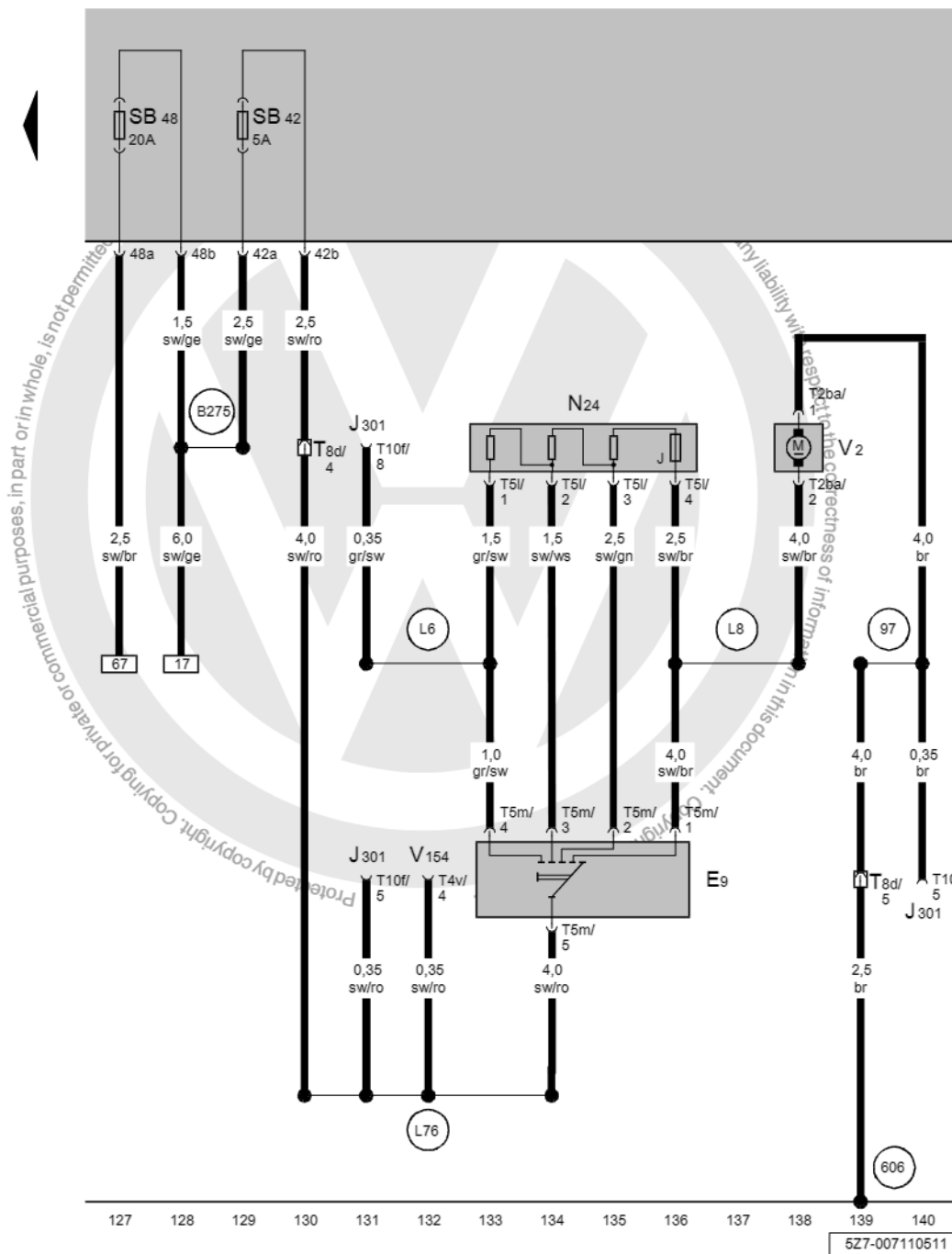
Left front side light lamp Right front side light lamp Left front indicator light lamp Right front indicator light lamp Left low beam lamp Left high beam lamp Right low beam lamp Right high beam lamp

- M1 Left front sidelight lamp
- M3 Right front sidelight lamp
- M5 Left front indicator light lamp
- M7 Right front indicator light lamp
- M29 Left low beam lamp
- M30 Left high beam lamp
- M31 Right low beam lamp
- M32 Right high beam lamp
- T10a Fitting connector 10 poles in right front indicator light lamp
- T10b Fitting connector 10 poles in left front indicator light lamp

- 12 Earth point in engine compartment left
- 369 Earth connection 4 in main harness



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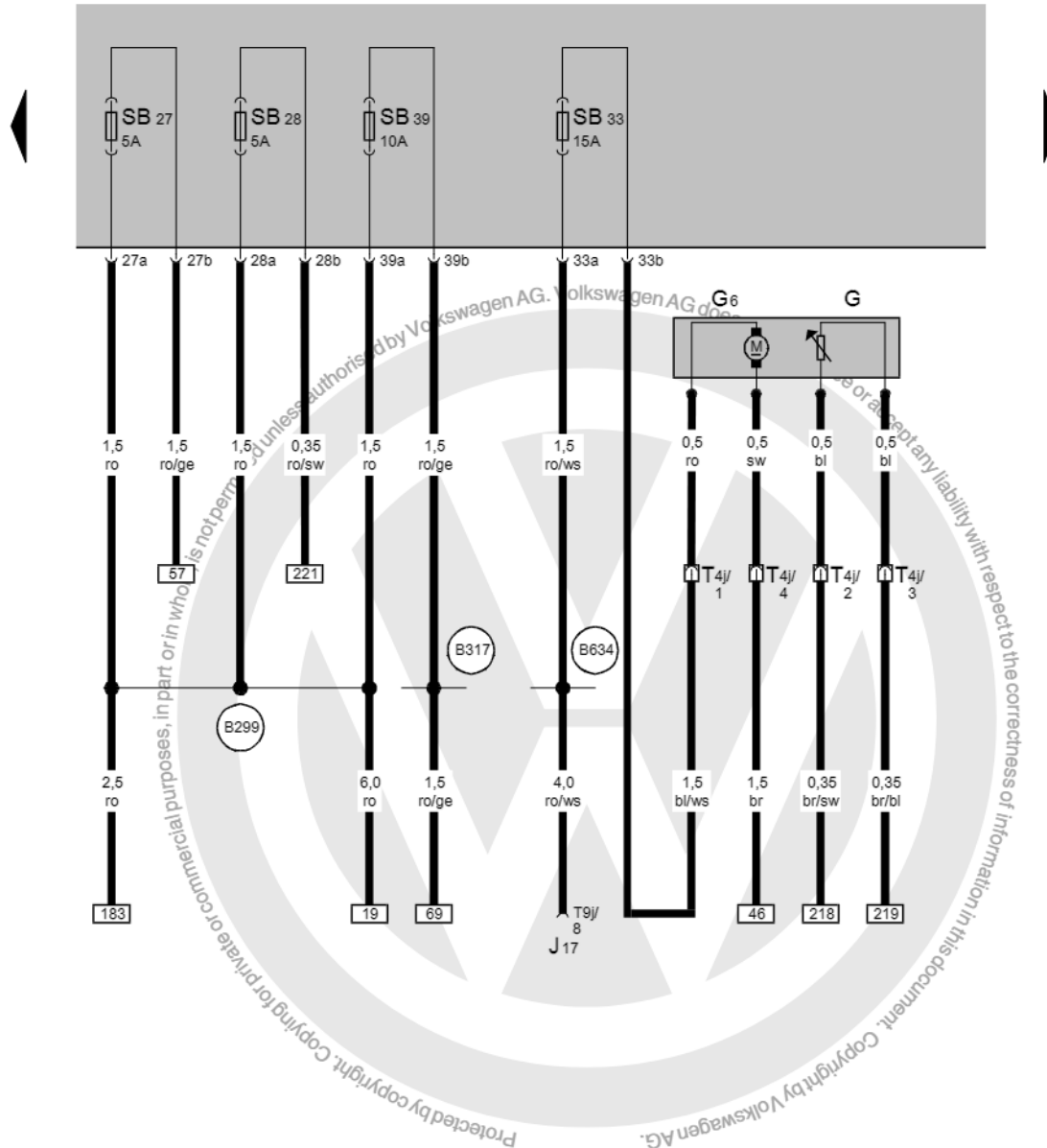


Rear fresh air blower switch Fresh air blower series resistor with overheating fuse Fresh air blower

- E9 Fresh air blower switch
- J301 Air conditioning system control unit
- N24 Fresh air blower series resistor with overheating fuse
- SB42 Fuse 42 on fuse holder B
- SB48 Fuse 48 on fuse holder B
- T2ba Fitting connector 2pin on fresh air blower
- T4v Fitting connector 4pin on control motor for the fresh air valve and the recirculation valve
- T5l Fitting connector 5pin on fresh air blower series resistor with overheating fuse
- T5m Fitting connector 5pin on fresh air blower switch
- T8d Fitting connector 8pin behind dash panel centre
- T10f Fitting connector 10 poles on Air conditioning system control unit
- V2 Fresh air fan
- V154 Control motor for the fresh air valve and the recirculation valve

- 97 Earth connection 1 on air conditioning wiring harness
- 606 Earth point under the centre console near the selection lever
- B275 Positive connection 87 on main harness
- L6 Connection 2 on wiring harness for box of the air conditioning
- L8 Connection 4 on wiring harness for box of the air conditioning
- L76 Connection 87 on air conditioning wiring harness

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Fuel gauge sender Fuel pump presupply pump

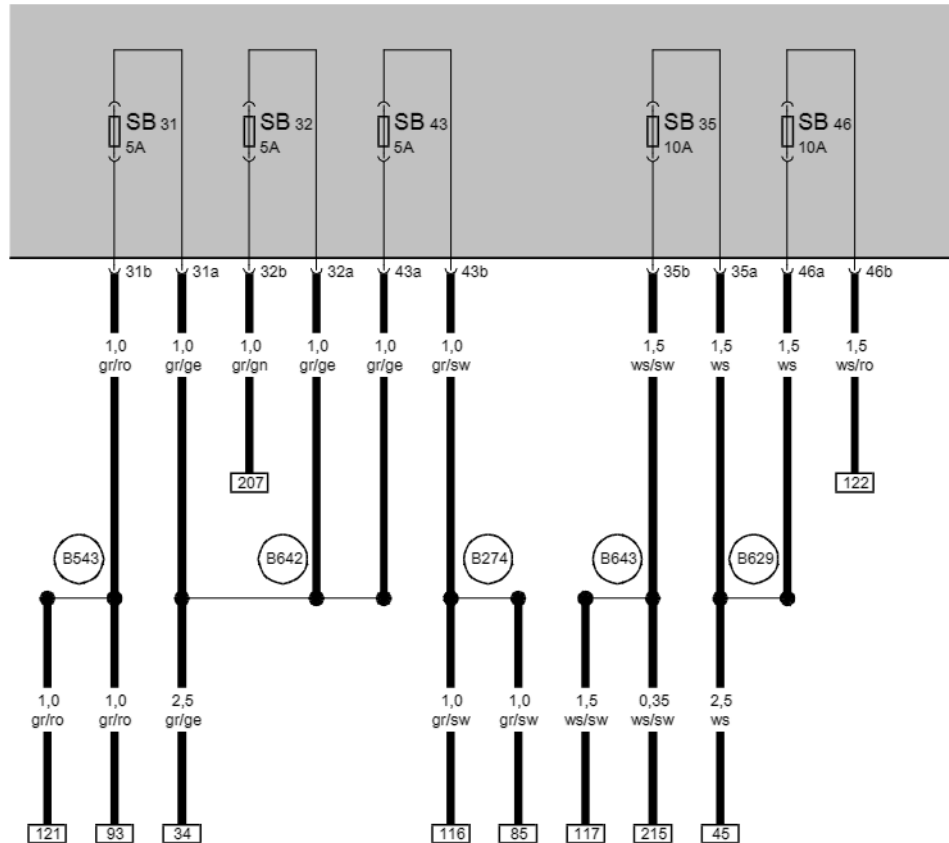
- G Fuel gauge sender
- G6 Fuel system pressurization pump
- J17 Fuel pump relay
- SB27 Fuse 27 on fuse holder B
- SB28 Fuse 28 on fuse holder B
- SB33 Fuse 33 on fuse holder B
- SB39 Fuse 39 on fuse holder B
- T4j Fitting connector 4pin on Fuel pump presupply pump
- T9j Fitting connector 9pin on Fuel pump relay

B299 Positive connection 3 30 on main harness

B317 Positive connection 3 30a on main harness

B634 Positive connection 2 87 on main harness

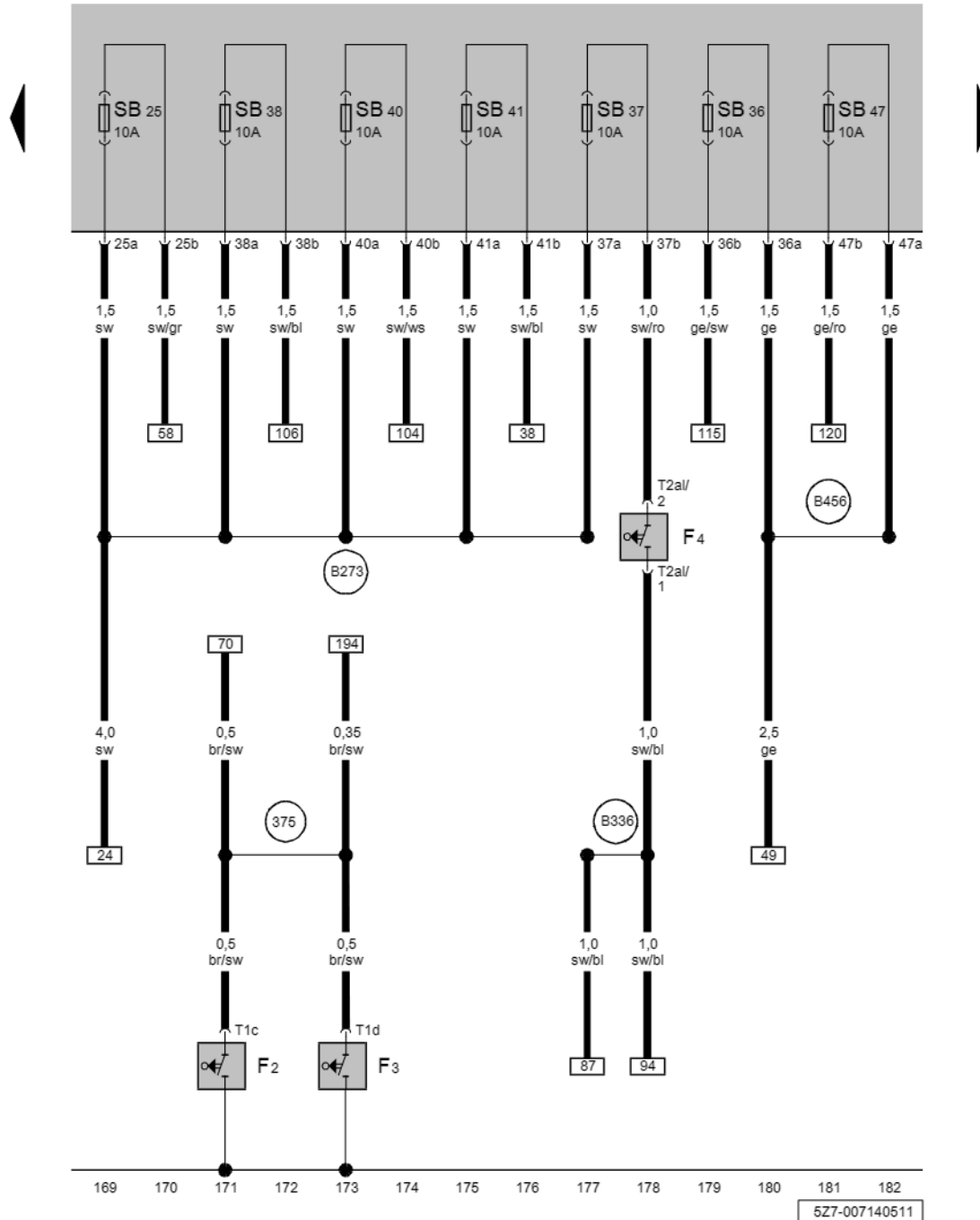
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### Fuses

- SB31 Fuse 31 on fuse holder B
- SB32 Fuse 32 on fuse holder B
- SB35 Fuse 35 on fuse holder B
- SB43 Fuse 43 on fuse holder B
- SB46 Fuse 46 on fuse holder B
- B274 Positive connection 58L on main harness
- B543 Positive connection 58R on main harness
- B629 Connection 56a on main harness
- B642 Positive connection 58 on main harness
- B643 Connection 2 56a on main harness

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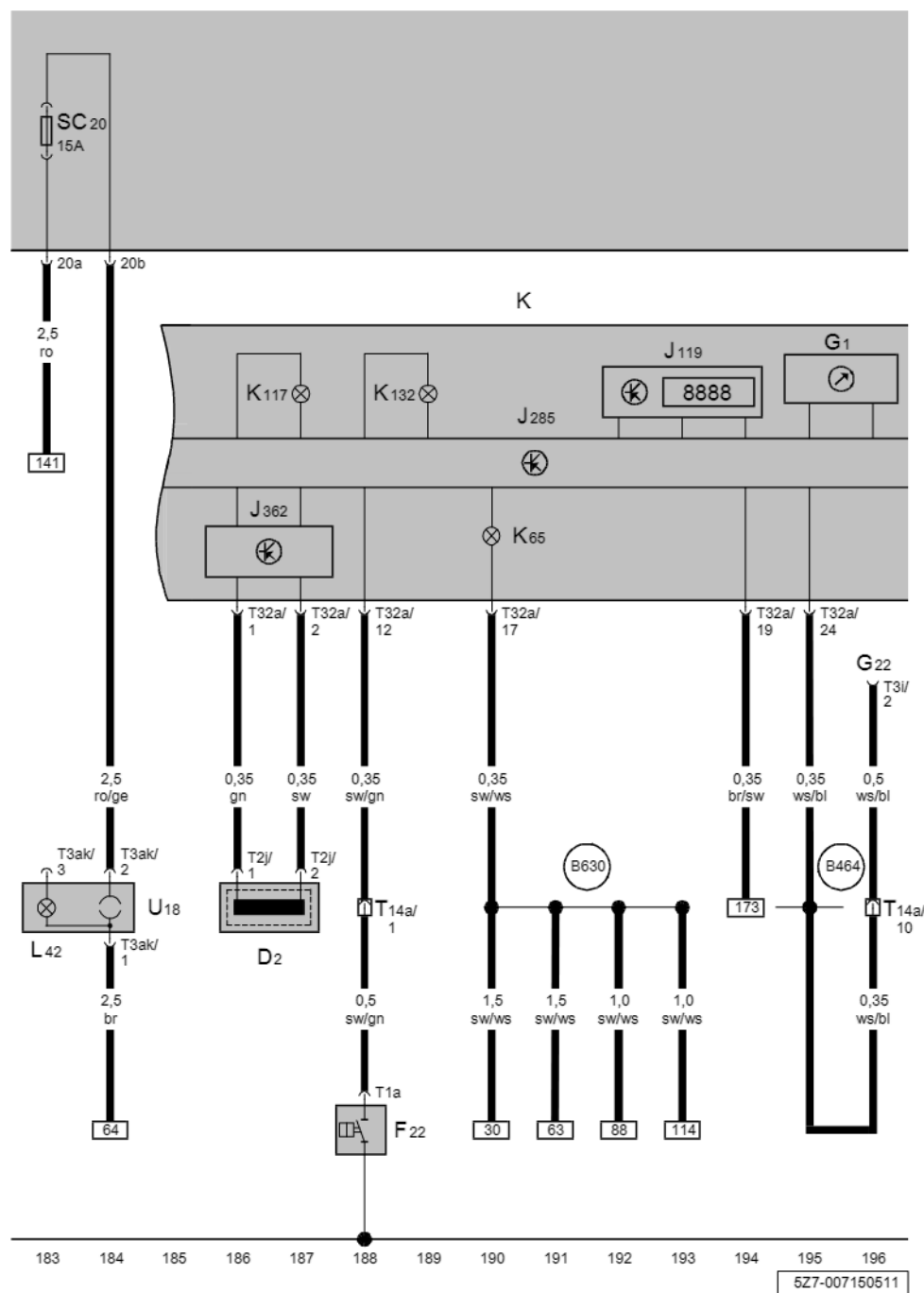


Driver door contact switch Front passenger door contact switch Reversing light switch

- F2 Driver door contact switch
- F3 Front passenger door contact switch
- F4 Reversing light switch
- SB25 Fuse 25 on fuse holder B
- SB36 Fuse 36 on fuse holder B
- SB37 Fuse 37 on fuse holder B
- SB38 Fuse 38 on fuse holder B
- SB40 Fuse 40 on fuse holder B
- SB41 Fuse 41 on fuse holder B
- SB47 Fuse 47 on fuse holder B
- T1c Fitting connector single on Driver door contact switch
- T1d Fitting connector single on Front passenger door contact switch
- T2al Fitting connector 2pin on reversing light switch

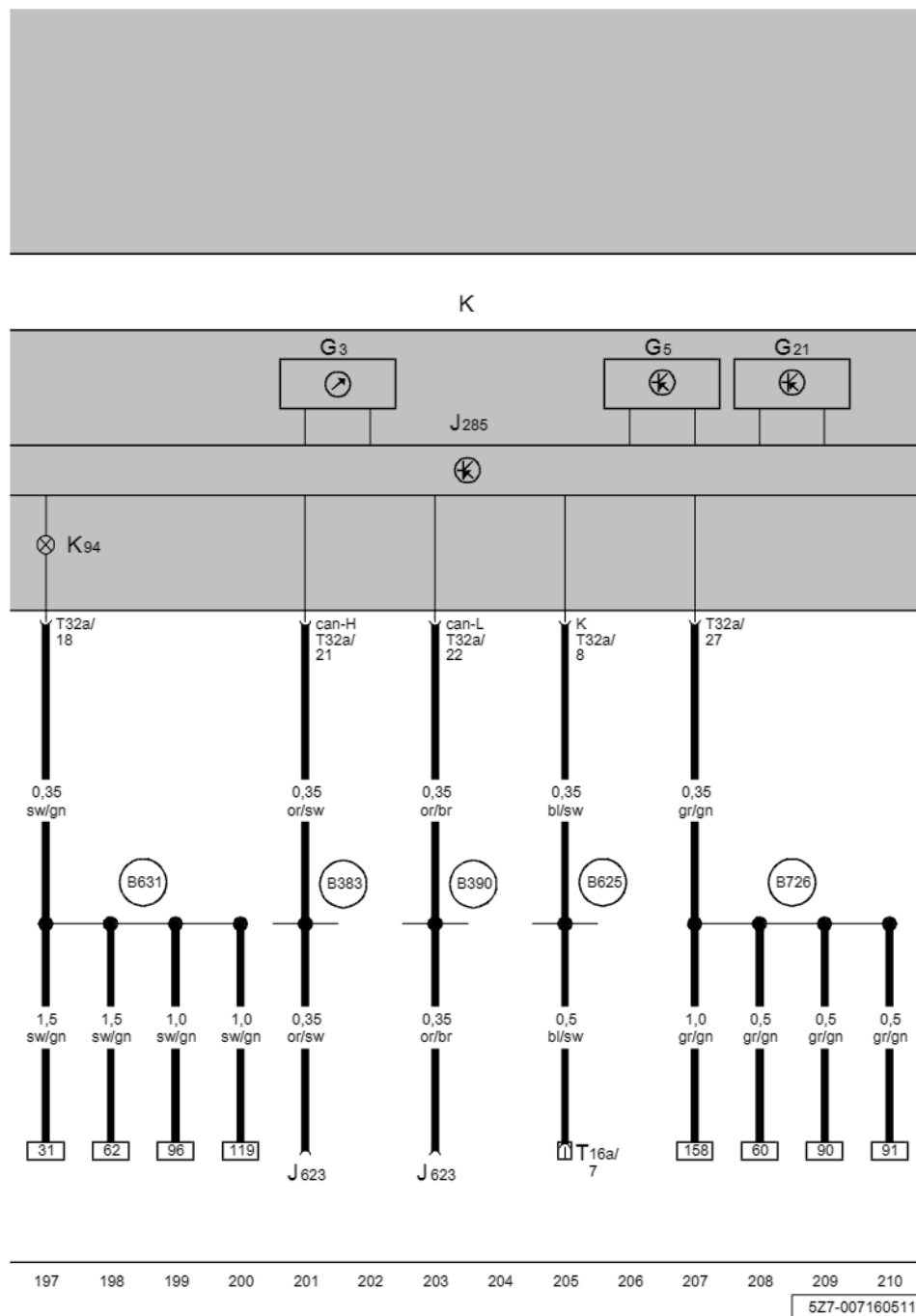
- 375 Earth connection 10 in main harness
- B273 Positive connection 15 on main harness
- B336 Connection 2 54 on main harness
- B456 Connection 56b on main harness

ws = white  
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Immobilizer reading coil  
Oil pressure switch  
Fuel level indicator  
Multifunction indicator  
Immobilizer control unit  
Combined instrument

- D2 Immobilizer reading coil
- F22 Oil pressure switch
- G1 Fuel level indicator
- G22 Speed sensor
- J119 Multifunction indicator
- J285 Control unit w indicator on the combined instrument
- J362 Immobilizer control unit
- K Combined instrument
- K65 Left turn signal control light
- K117 Immobilizer control light
- K132 'Egas' system failure indicator light
- L42 Socket illumination bulb
- SC20 Fuse 20 on fuse holder C
- T1a Fitting connector single on oil pressure switch
- T2j Fitting connector 2pin in Immobilizer reading coil
- T3i Fitting connector 3pin on speed sensor
- T3ak Fitting connector 3pin on 12 V socket 2
- T14a Fitting connector 14 poles on left engine compartment
- T32a Fitting connector 32 poles on Control unit w indicator on the combined instrument
- U18 12 V socket 2
- B464 Connection speed signal on main harness
- B630 Connection turn signal left on main harness



Coolant temperature indicator Tachometer Speedometer  
Control unit w indicator on the combined instrument  
Combined instrument Right turn signal control light

- G3 Coolant temperature indicator
- G5 Tachometer
- G21 Speedometer
- J285 Control unit w indicator on the combined instrument
- J623 Engine control unit
- K Combined instrument
- K94 Right turn signal control light
- T16a Fitting connector 16 poles in diagnosis
- T32a Fitting connector 32 poles on Control unit w indicator on the combined instrument

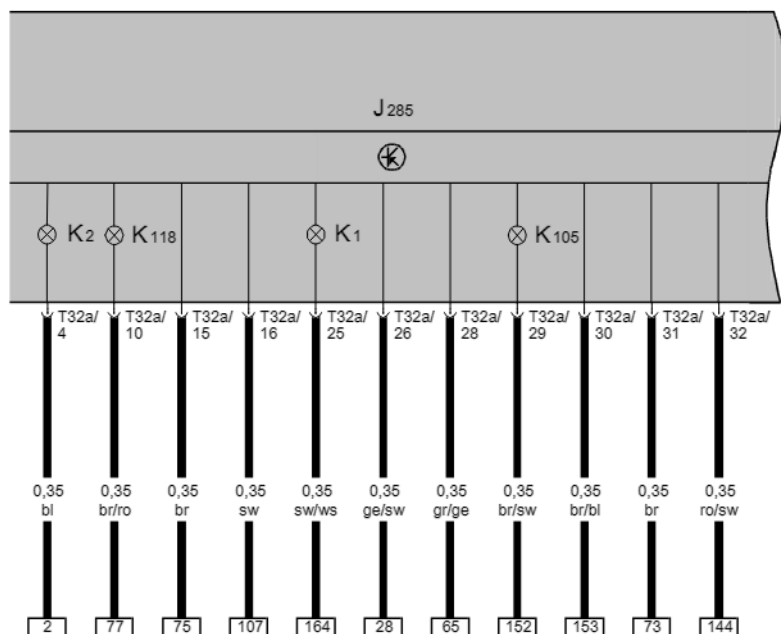
- (B383) Connection 1 CANbus 'high' command on main harness
- (B390) Connection 1 CANbus 'low' command on main harness
- (B625) Connection diagnostic cable K on main harness
- (B631) Connection turn signal right on main harness
- (B726) Positive connection 2 58 on main harness

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K



Control unit w indicator on the combined instrument Combined instrument High beam control light Alternator control light Fuel reserve control light Brake system control light

- J285 Control unit w indicator on the combined instrument
- K Combined instrument
- K1 High beam control light
- K2 Alternator control light
- K105 Fuel reserve control light
- K118 Brake system control light
- T32a Fitting connector 32 poles on Control unit w indicator on the combined instrument



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211 212 213 214 215 216 217 218 219 220 221 222 223 224

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## Airbag system

From March 2010

### Notes

For information about

◆ Location of relay and fuse

◆ Connectors

◆ Control units

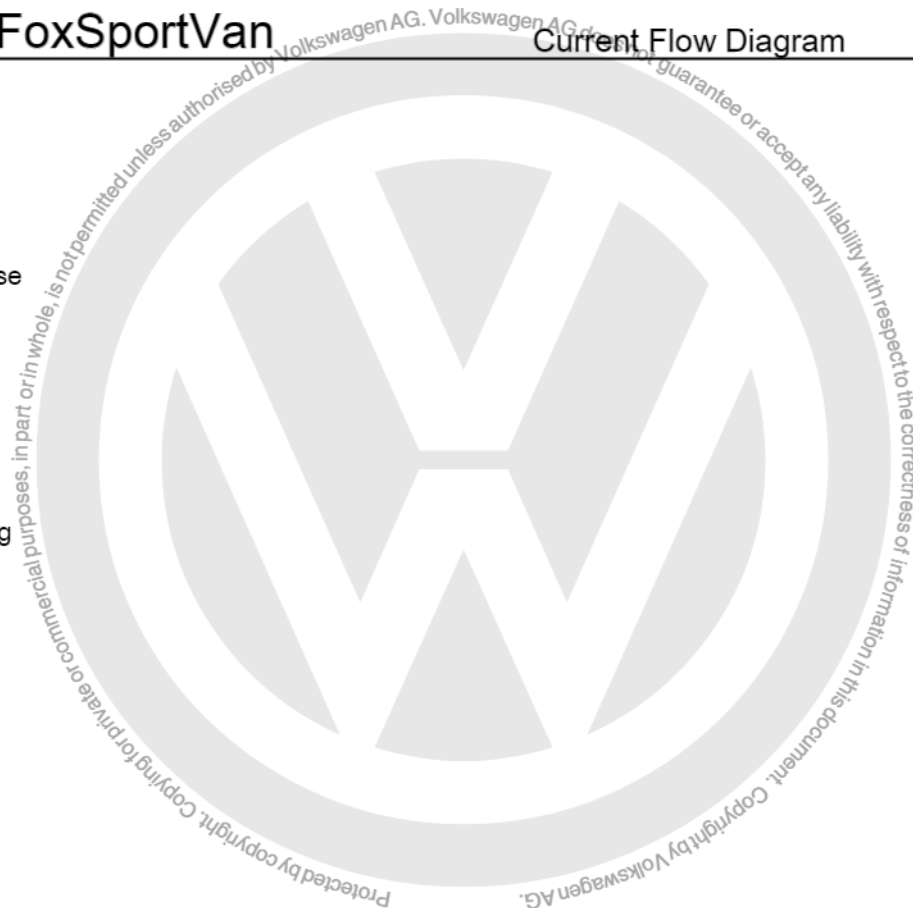
◆ Earth points

⇒ See fitting locations

For information about

◆ Assisted fault pinpointing

⇒ See Guided functions

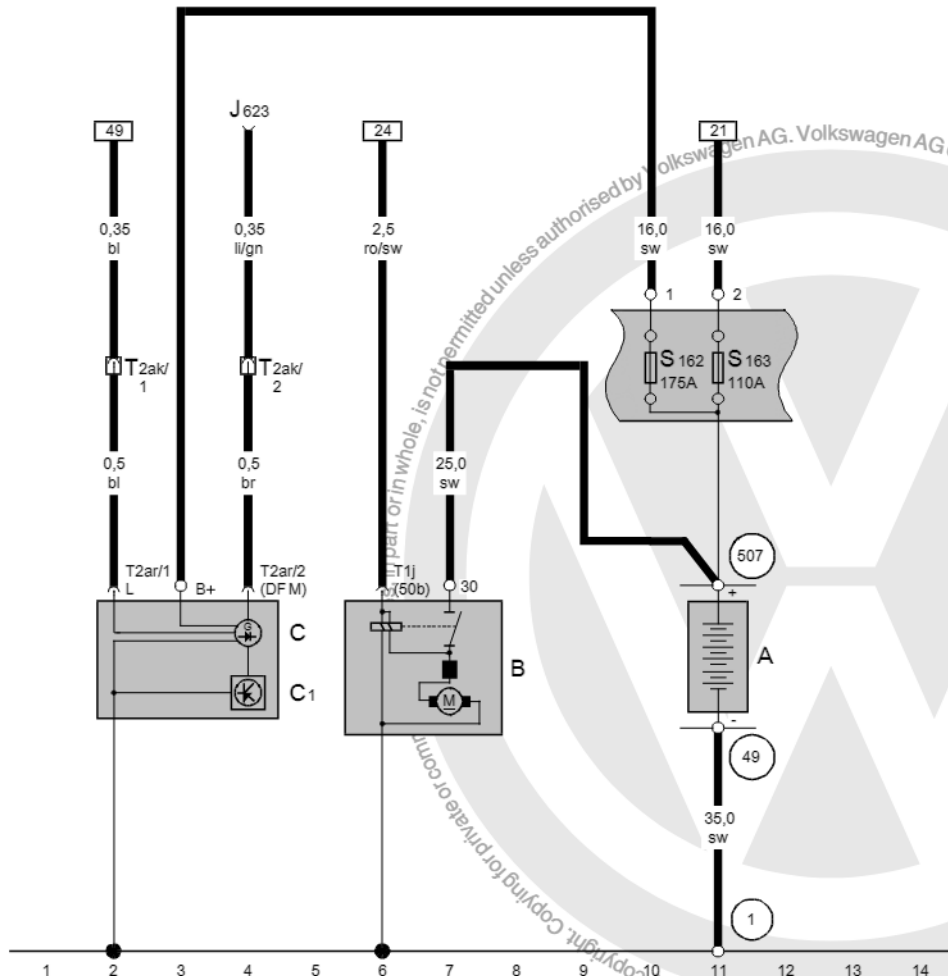




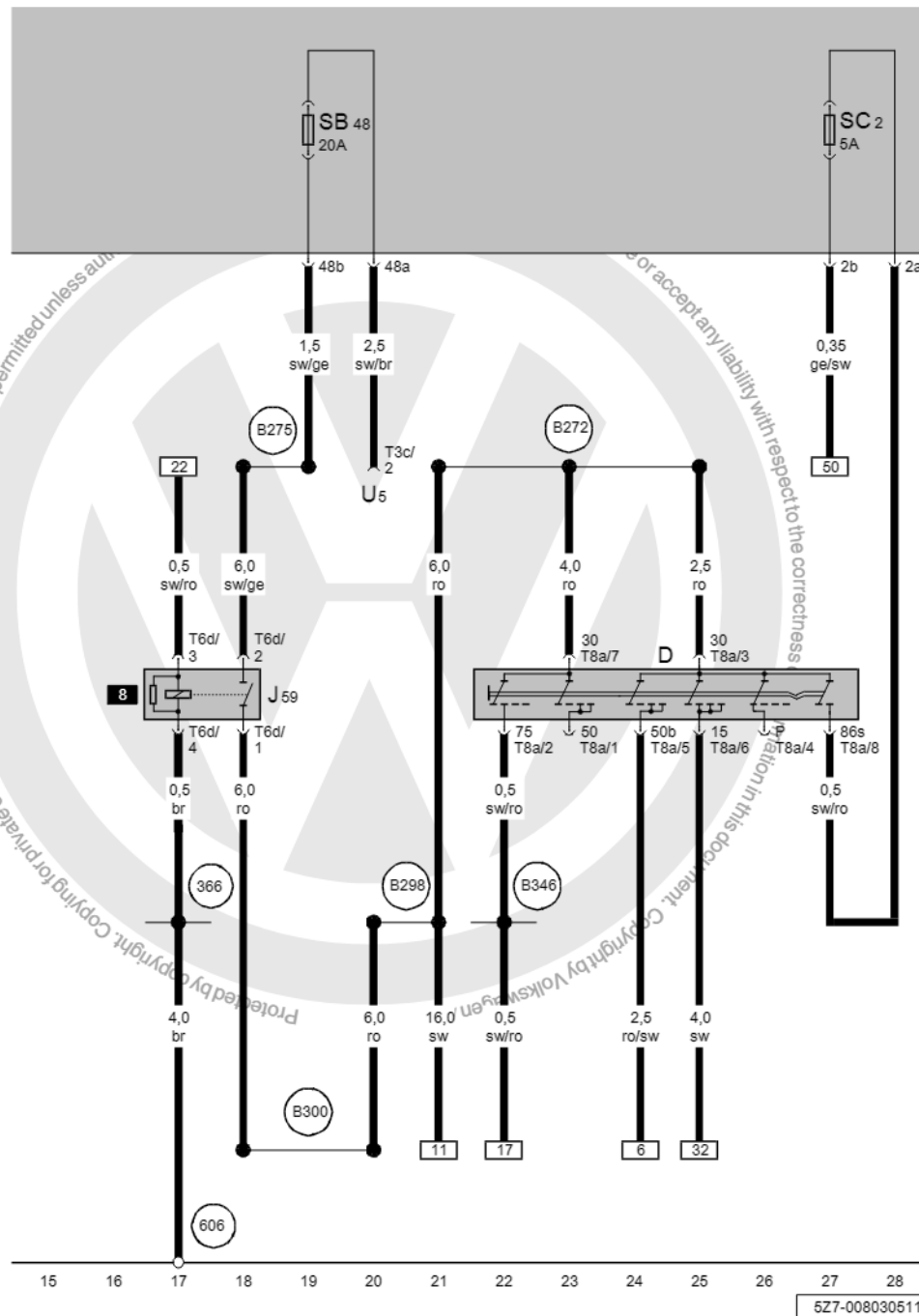
Battery Starter Generator Alternator Voltage regulator

- A Battery
- B Starter
- C Generator Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 30 in battery fuse holder
- S163 Fuse 2 30 in battery fuse holder
- T1j Fitting connector single on starter
- T2ak Fitting connector 2pin on engine compartment
- T2ar Fitting connector 2pin on generator alternator

- 1 Earth strap battery body
- 49 Earth point near the battery
- 507 Screw connection 30 battery fuse holder



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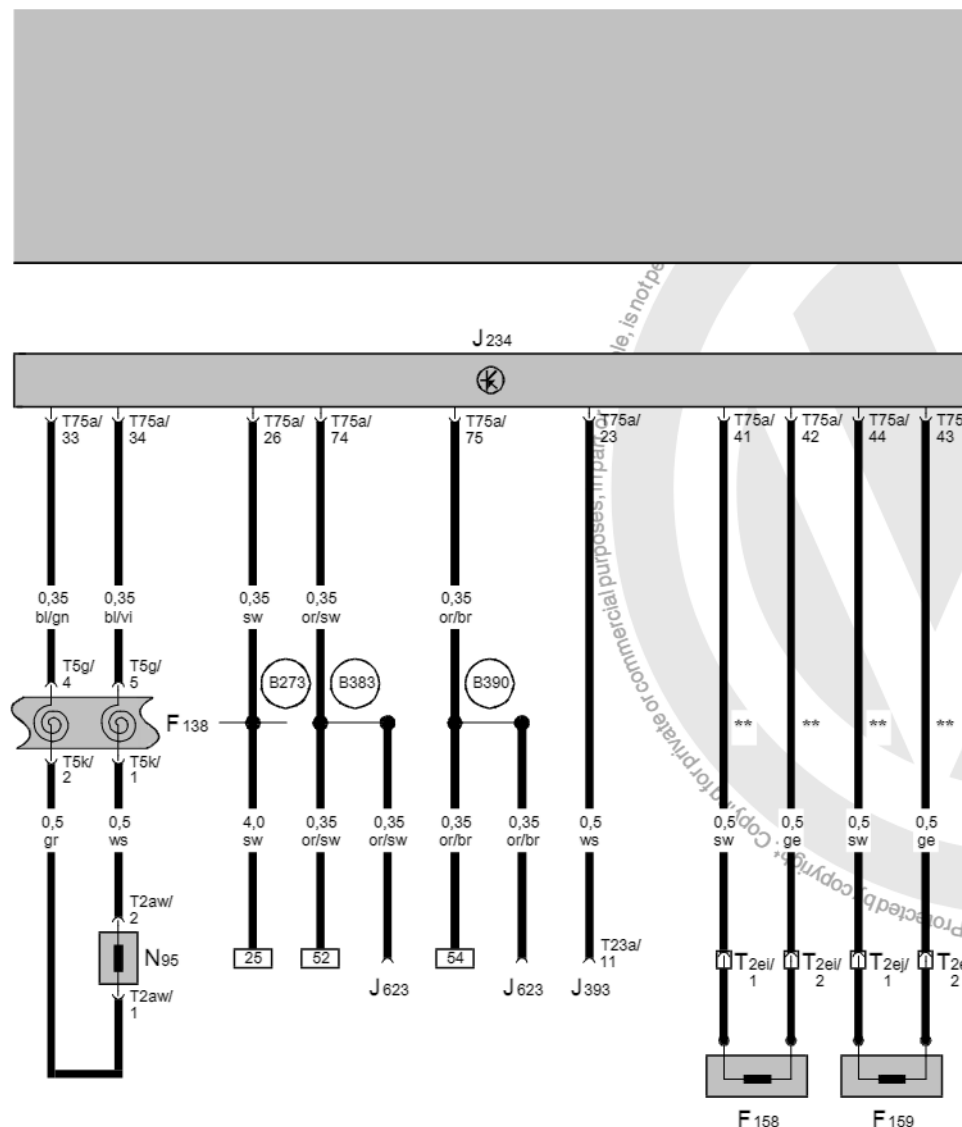


# Ignition switch Xcontact relief relay

- D Ignition switch
- J59 Xcontact relief relay
- SB48 Fuse 48 on fuse holder B
- SC2 Fuse 2 on fuse holder C
- T3c Fitting connector 3pin on 12volt socket
- T6d Fitting connector 6pin in Xcontact relief relay
- T8a Fitting connector 8pin on ignition switch
- U5 12volt socket

- 366 Earth connection 1 in main harness
- 606 Earth point under the centre console near the selection lever
- B272 Positive connection 30 on main harness
- B275 Positive connection 87 on main harness
- B298 Positive connection 2 30 on main harness
- B300 Positive connection 4 30 on main harness
- B346 Connection 1 75 on main harness

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- rs = pink



Airbag coil connector and return ring with slip ring  
Belt tensioner switch 1  
Belt tensioner switch 2  
Airbag control unit  
Ignition device for the driver's airbag

- F138 Airbag coil connector and return ring with slip ring
  - F158 Belt tensioner switch 1
  - F159 Belt tensioner switch 2
  - J234 Airbag control unit
  - J393 Central control unit for the convenience system
  - J623 Engine control unit
  - N95 Ignition device for the driver's airbag
  - T5g Fitting connector 2pin on ignition device for the driver's airbag
  - T2ei Fitting connector 2pin on belt tensioner switch 1
  - T2ej Fitting connector 2pin on belt tensioner switch 2
  - T5g Fitting connector 5pin on airbag coil connector and return ring with slip ring
  - T5k Fitting connector 5pin on airbag coil connector and return ring with slip ring
  - T23a Fitting connector 23 poles on central control unit for the convenience system
  - T75a Fitting connector 75 poles on airbag control unit
  - B273 Positive connection 15 on main harness
  - B383 Connection 1 CANbus 'high' command on main harness
  - B390 Connection 1 CANbus 'low' command on main harness
- From April 2011

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29 30 31 32 33 34 35 36 37 38 39 40 41 42

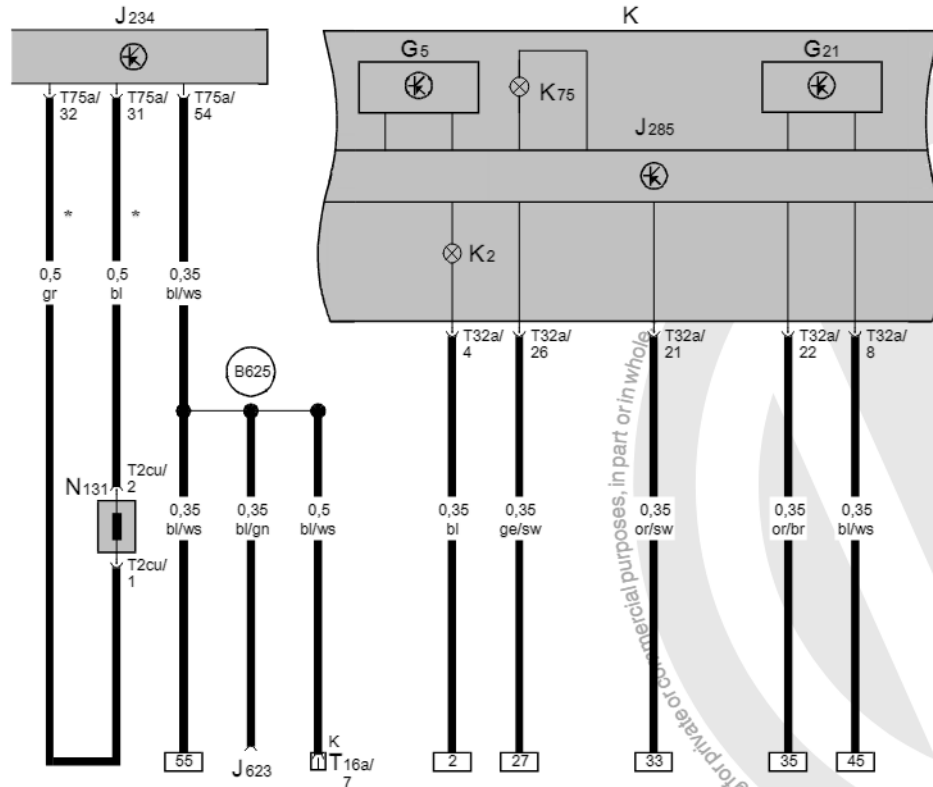
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Tachometer Speedometer Control unit w indicator on the combined instrument Combined instrument Alternator control light Airbag warning light

- G5 Tachometer
- G21 Speedometer
- J285 Control unit w indicator on the combined instrument
- J623 Engine control unit
- K2 Alternator control light
- K75 Airbag warning light
- N131 Trigger 1 for passenger front airbag
- T2cu Fitting connector 2pin on trigger 1 for passenger front airbag
- T16a Fitting connector 16 poles in diagnosis
- T32a Fitting connector 32 poles on Control unit w indicator on the combined instrument

B625 Connection diagnostic cable K on main harness

Only for vehicles with passenger's airbag



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- li = purple
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43 44 45 46 47 48 49 50 51 52 53 54 55 56

5Z7-008050511

## Fog headlight

From March 2010

### Notes

For information about

◆ Location of relay and fuse

◆ Connectors

◆ Control units

◆ Earth points

⇒ See fitting locations

For information about

◆ Assisted fault pinpointing

⇒ See Guided functions

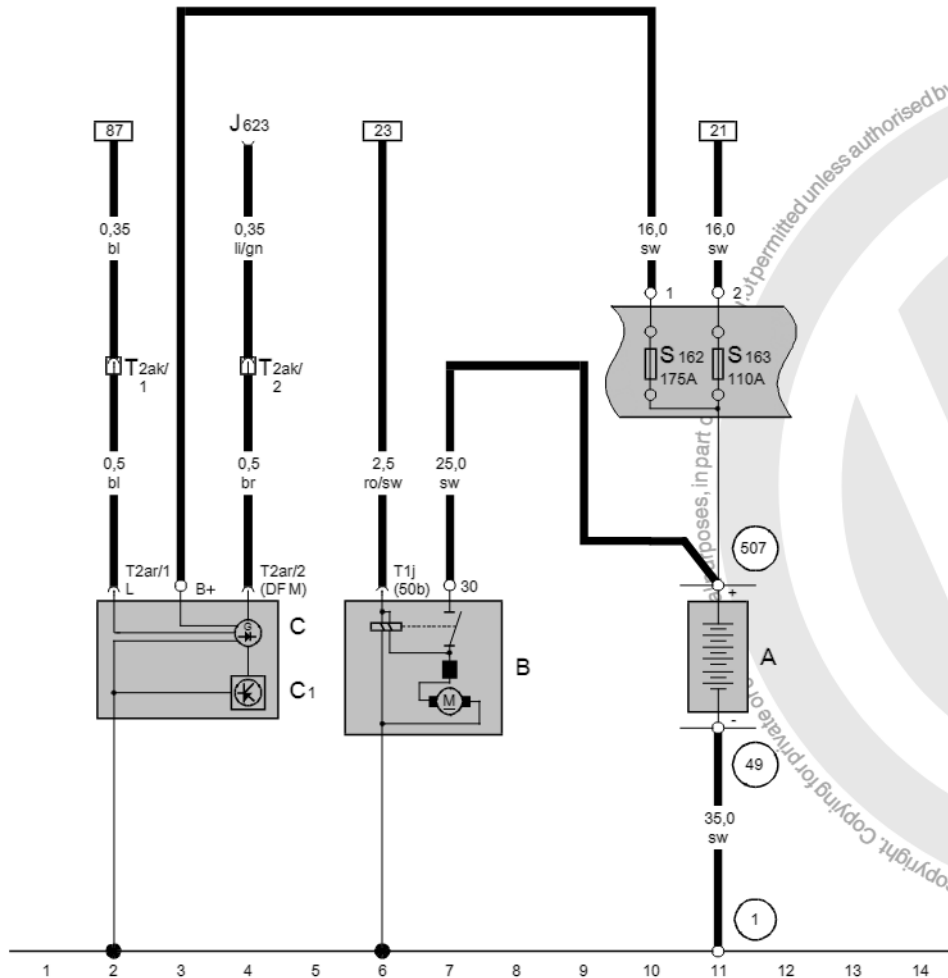




Battery Starter Generator Alternator Voltage regulator

- A Battery
- B Starter
- C Generator Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 30 in battery fuse holder
- S163 Fuse 2 30 in battery fuse holder
- T1j Fitting connector single on starter
- T2ak Fitting connector 2pin on engine compartment
- T2ar Fitting connector 2pin on generator alternator

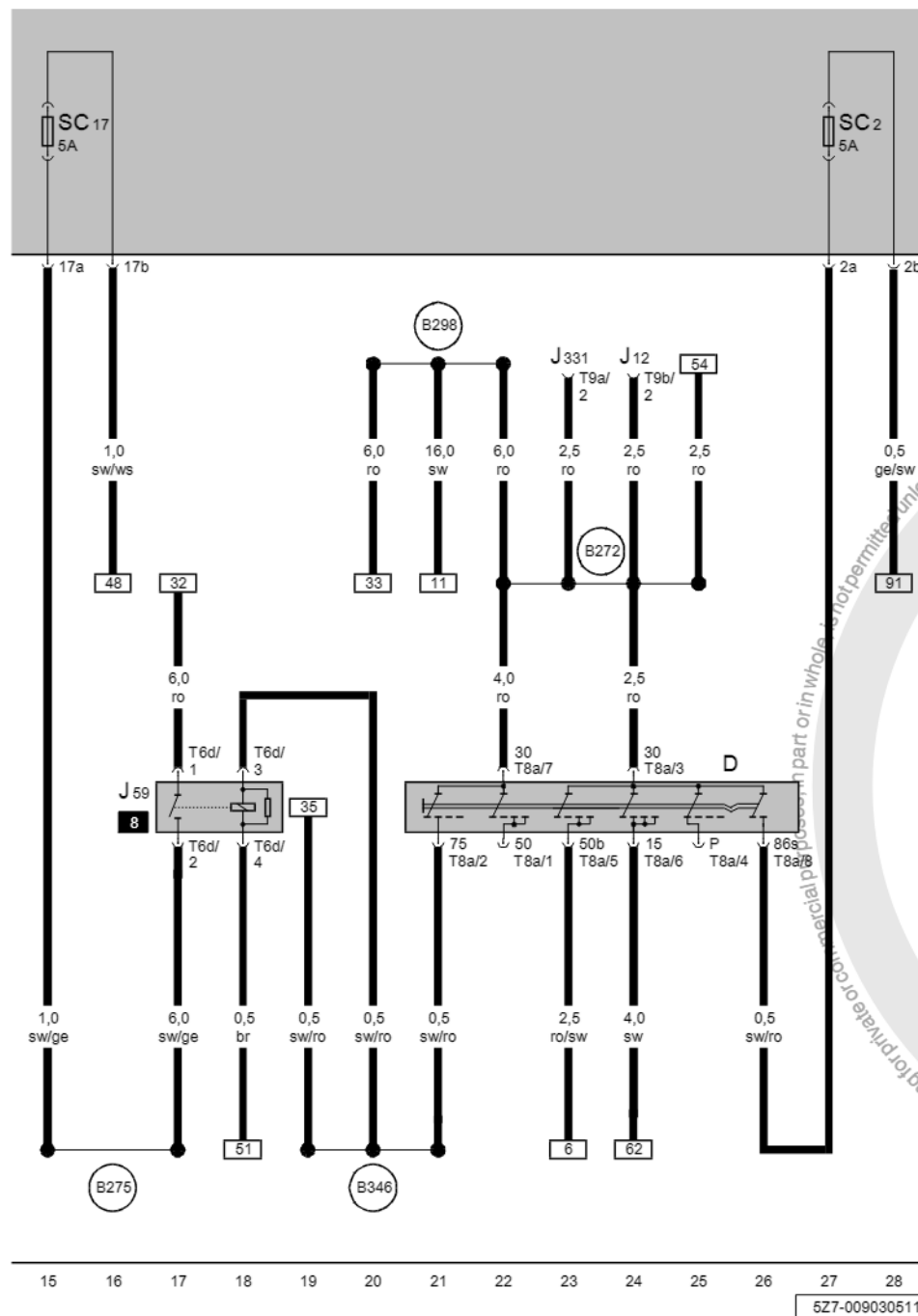
- 1 Earth strap battery body
- 49 Earth point near the battery
- 507 Screw connection 30 battery fuse holder



- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

5Z7-009020511



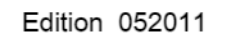


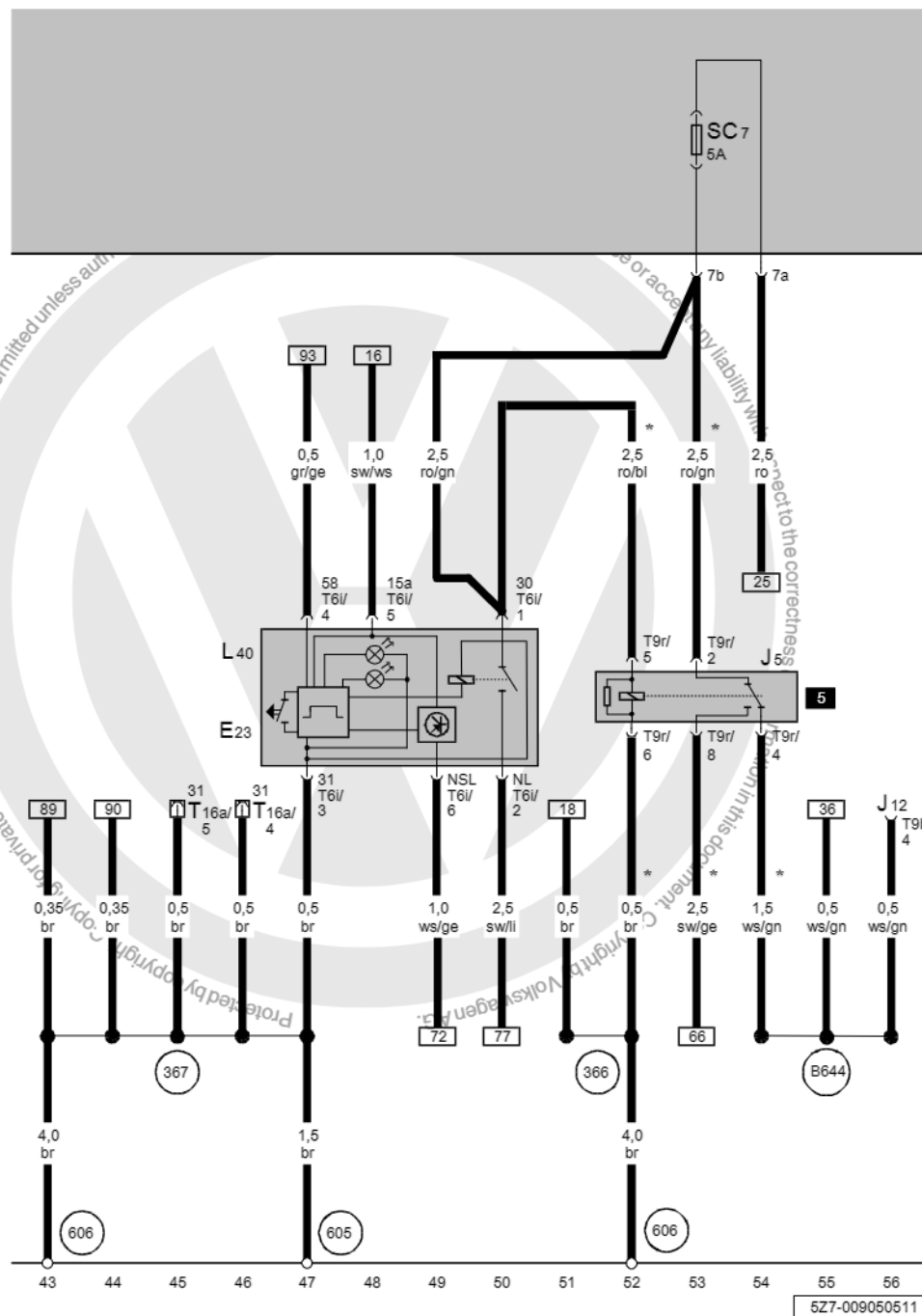
# Ignition switch Xcontact relief relay

- D Ignition switch
- J12 Headlight main beam relay
- J59 Xcontact relief relay
- J331 Dipped beam relay
- SC2 Fuse 2 on fuse holder C
- SC17 Fuse 17 on fuse holder C
- T6d Fitting connector 6pin in Xcontact relief relay
- T8a Fitting connector 8pin on ignition switch
- T9a Fitting connector 6pin in dipped beam relay
- T9b Fitting connector 6pin in headlight main beam relay

- B272 Positive connection 30 on main harness
- B275 Positive connection 87 on main harness
- B298 Positive connection 230 on main harness
- B346 Connection 175 on main harness

- ws = white
- sw = black
- ro = red
- br = brown
- gr = green
- bl = blue
- li = purple
- ge = yellow
- or = orange
- rs = pink





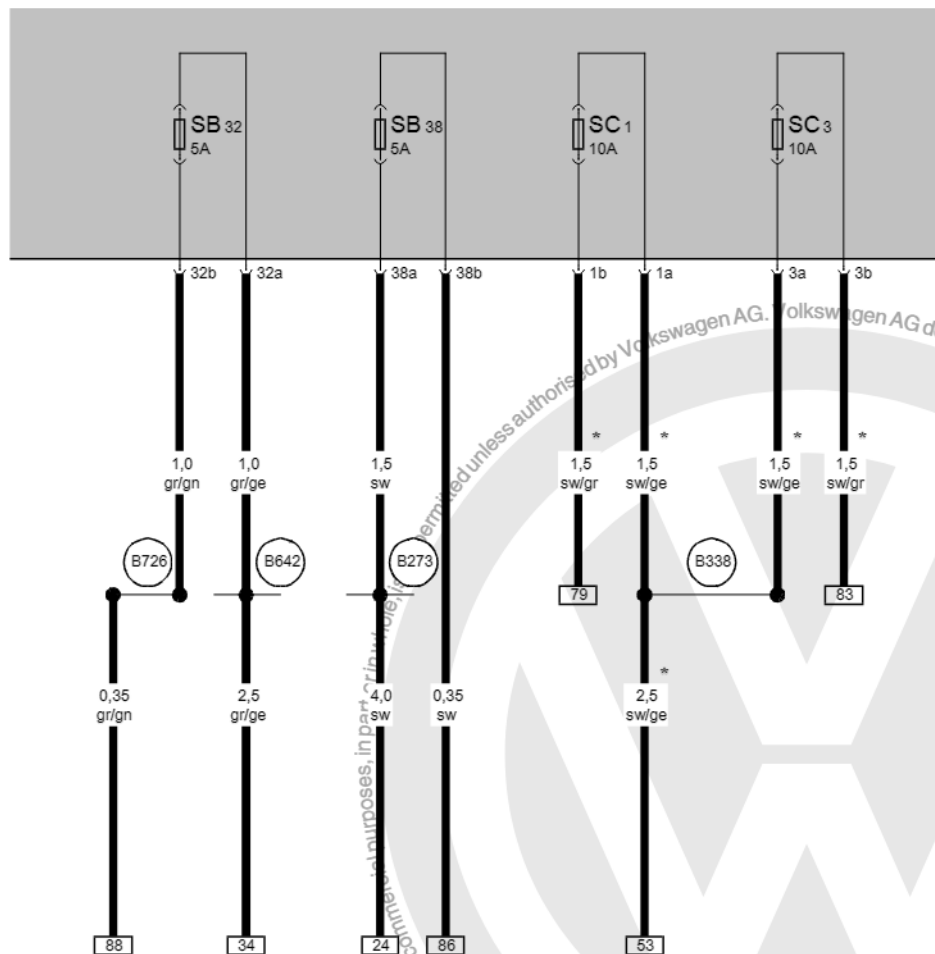
Front and rear fog light switch Front and rear fog light switch illumination bulb Fog light relay

- E23 Front and rear fog light switch
- L40 Front and rear fog light switch illumination bulb
- J5 Fog light relay
- J12 Headlight main beam relay
- SC7 Fuse 7 on fuse holder C
- T6i Fitting connector 6pin in front and rear fog light switch
- T9b Fitting connector 9pin in headlight main beam relay
- T9r Fitting connector 9pin in fog light relay
- T16a Fitting connector 16 poles in diagnosis

- 366 Earth connection 1 in main harness
- 367 Earth connection 2 in main harness
- 605 Earth point in upper steering column area
- 606 Earth point under the centre console near the selection lever
- B644 Connection 3 56a on main harness

Only for CROSS vehicles

ws = white  
 sw = black  
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 bl = blue  
 gr = grey  
 li = purple  
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 or = orange  
 rs = pink



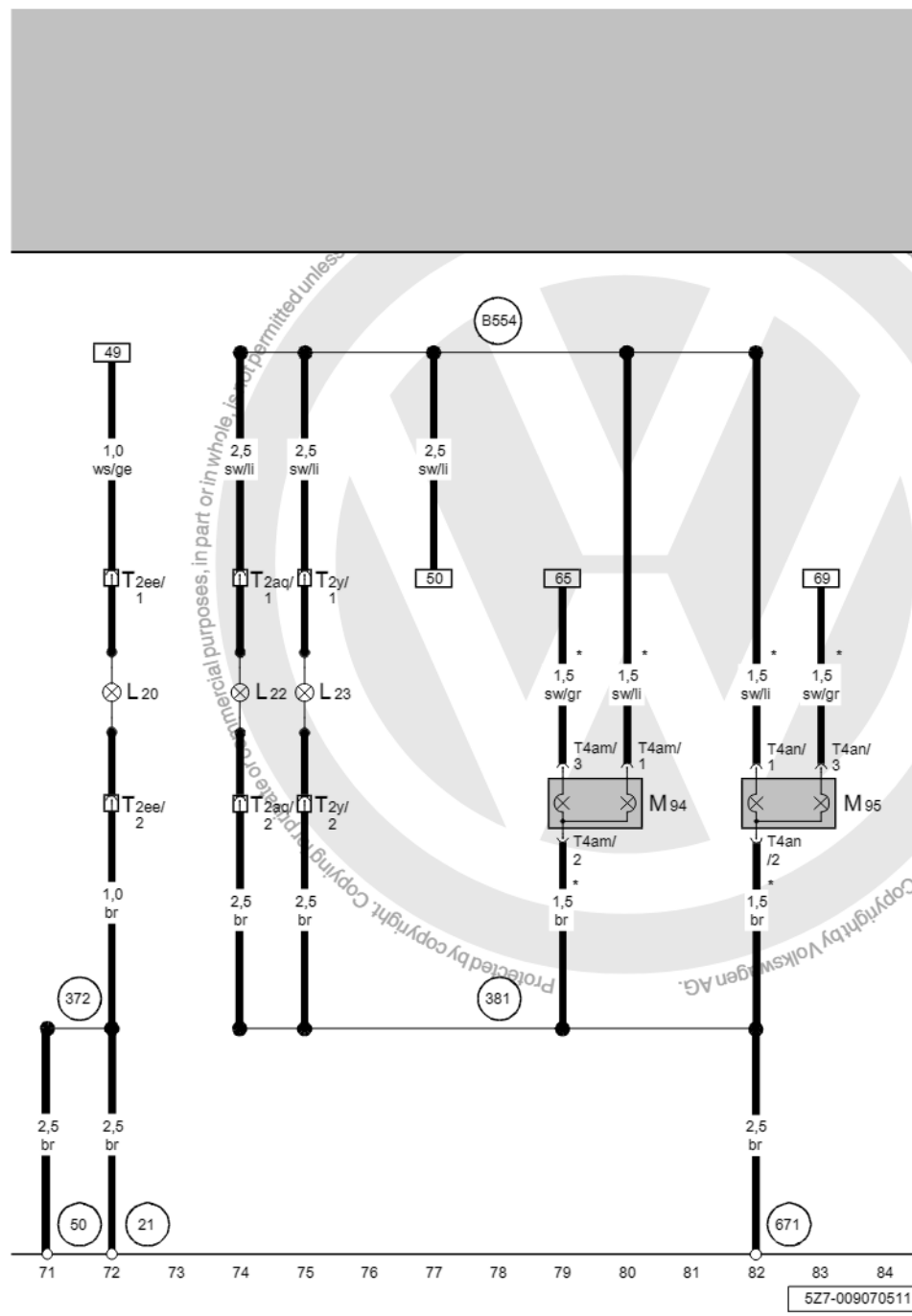
# Fuses

- SB32 Fuse 32 on fuse holder B
- SB38 Fuse 38 on fuse holder B
- SC1 Fuse 1 on fuse holder C
- SC3 Fuse 3 on fuse holder C
- B273 Positive connection 15 on main harness
- B338 Connection 1 56 on main harness
- B642 Positive connection 58 on main harness
- B726 Positive connection 2 58 on main harness  
Only for CROSS vehicles

ws = white  
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ro = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
ge = yellow  
or = orange  
rs = pink

57 58 59 60 61 62 63 64 65 66 67 68 69 70

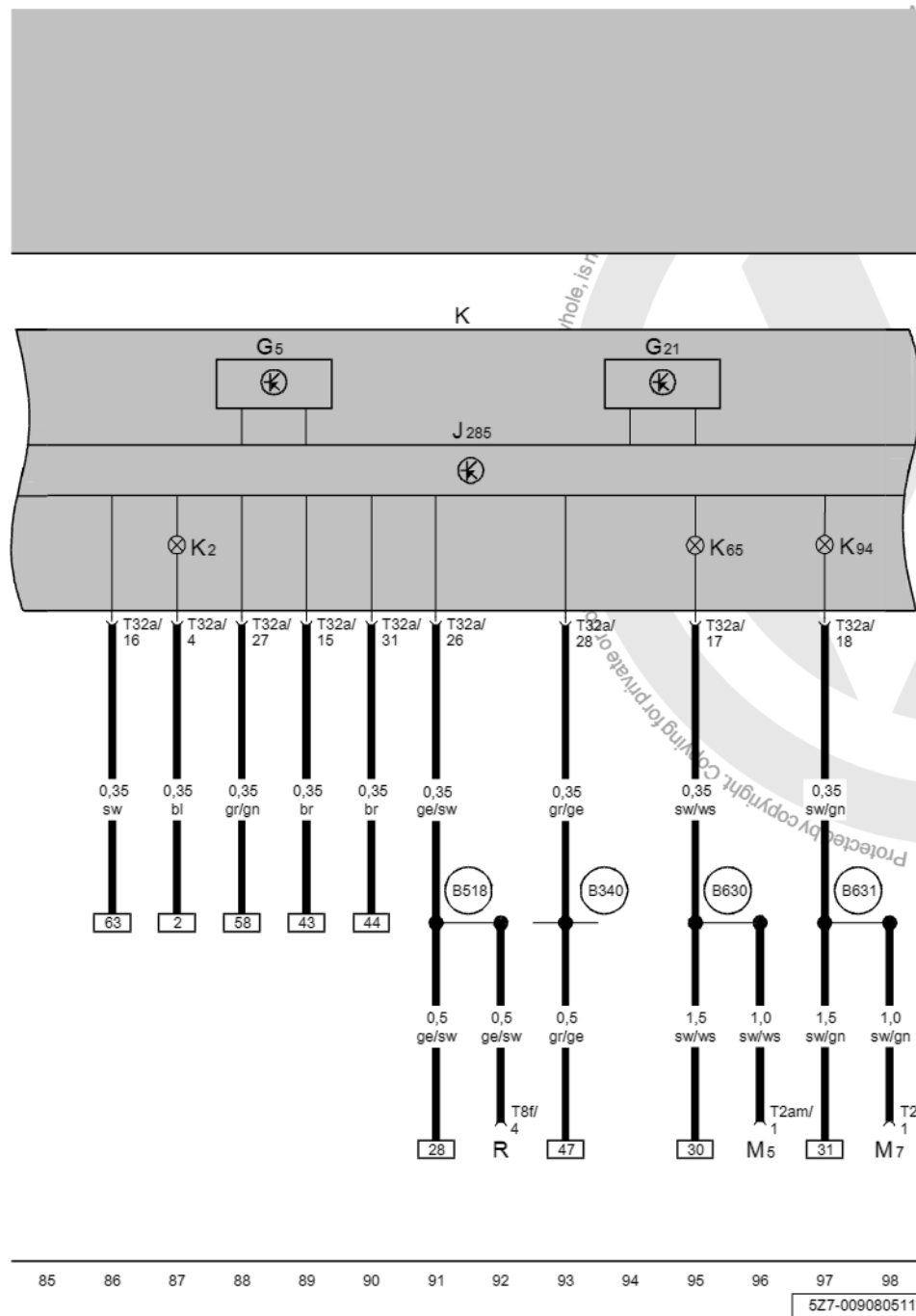
5Z7-009060511



Rear fog light bulb Left fog light lamp Right fog light lamp Left main beam headlight and fog light bulb Right main beam headlight and fog light bulb

- L20 Rear fog light bulb
- L22 Left fog light lamp
- L23 Right fog light lamp
- M94 Left main beam headlight and fog light bulb
- M95 Right main beam headlight and fog light bulb
- T2aq Fitting connector 2pin in left fog light lamp
- T2ee Fitting connector 2pin in Rear fog light lamp
- T2y Fitting connector 2pin in right fog light lamp
- T4am Fitting connector 2pin in left front indicator light lamp
- T4an Fitting connector 4pin on right main beam headlight and fog light bulb

- 21 Earth point near fuel pump
  - 50 Earth point on left luggage compartment
  - 372 Earth connection 7 in main harness
  - 381 Earth connection 16 in main harness
  - 671 Earth point 1 on left front longitudinal member
  - B554 Connection fog light on main harness
- Only for CROSS vehicles



Tachometer Speedometer Control unit w indicator on the combined instrument Combined instrument Alternator control light Left turn signal control light Right turn signal control light

- G5 Tachometer
- G21 Speedometer
- J285 Control unit w indicator on the combined instrument
- K Combined instrument
- K2 Alternator control light
- K65 Left turn signal control light
- K94 Right turn signal control light
- M5 Left front indicator light lamp
- M7 Right front indicator light lamp
- R Radio
- T2x Fitting connector 2pin in right front indicator light lamp
- T2am Fitting connector 2pin in left front indicator light lamp
- T8f Fitting connector 8pin on radio
- T32a Fitting connector 32 poles on Control unit w indicator on the combined instrument

- B340 Connection 158d on main harness
- B518 Connection 86s on main harness
- B630 Connection turn signal left on main harness
- B631 Connection turn signal right on main harness

ws = white  
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 ro = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 ge = yellow  
 or = orange  
 rs = pink

## Air conditioning Denso Control Unit

From March 2010

### Notes

For information about

◆ Location of relay and fuse

◆ Connectors

◆ Control units

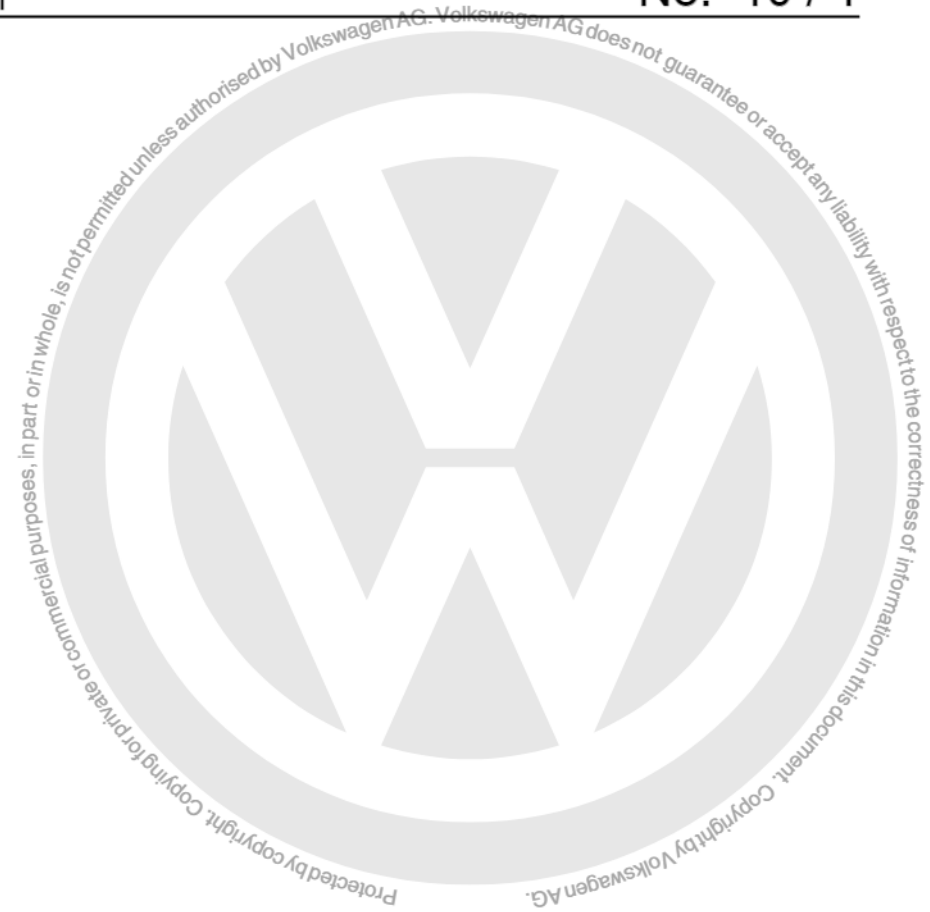
◆ Earth points

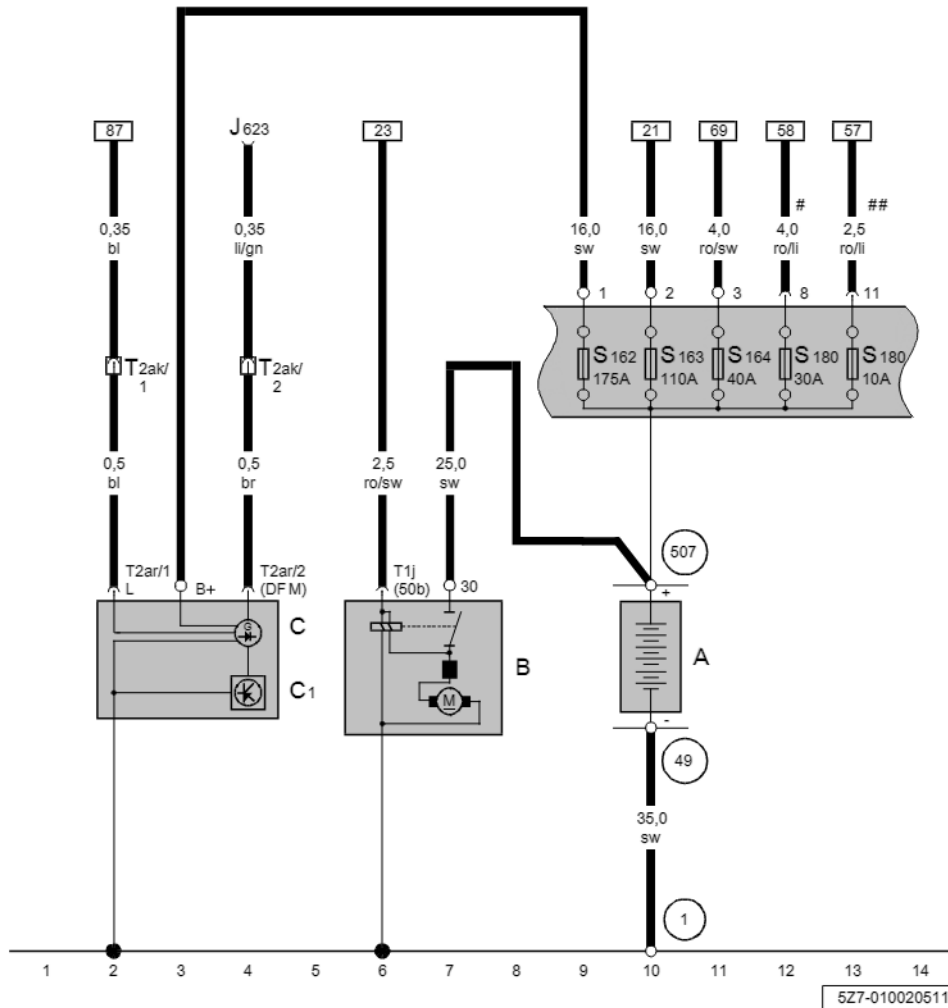
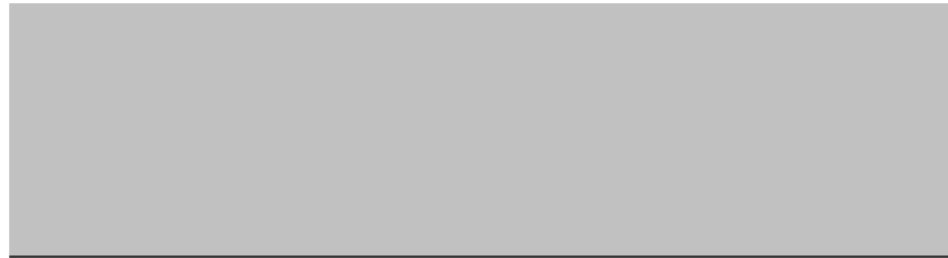
⇒ See fitting locations

For information about

◆ Assisted fault pinpointing

⇒ See Guided functions





Battery Starter Generator Alternator Voltage regulator

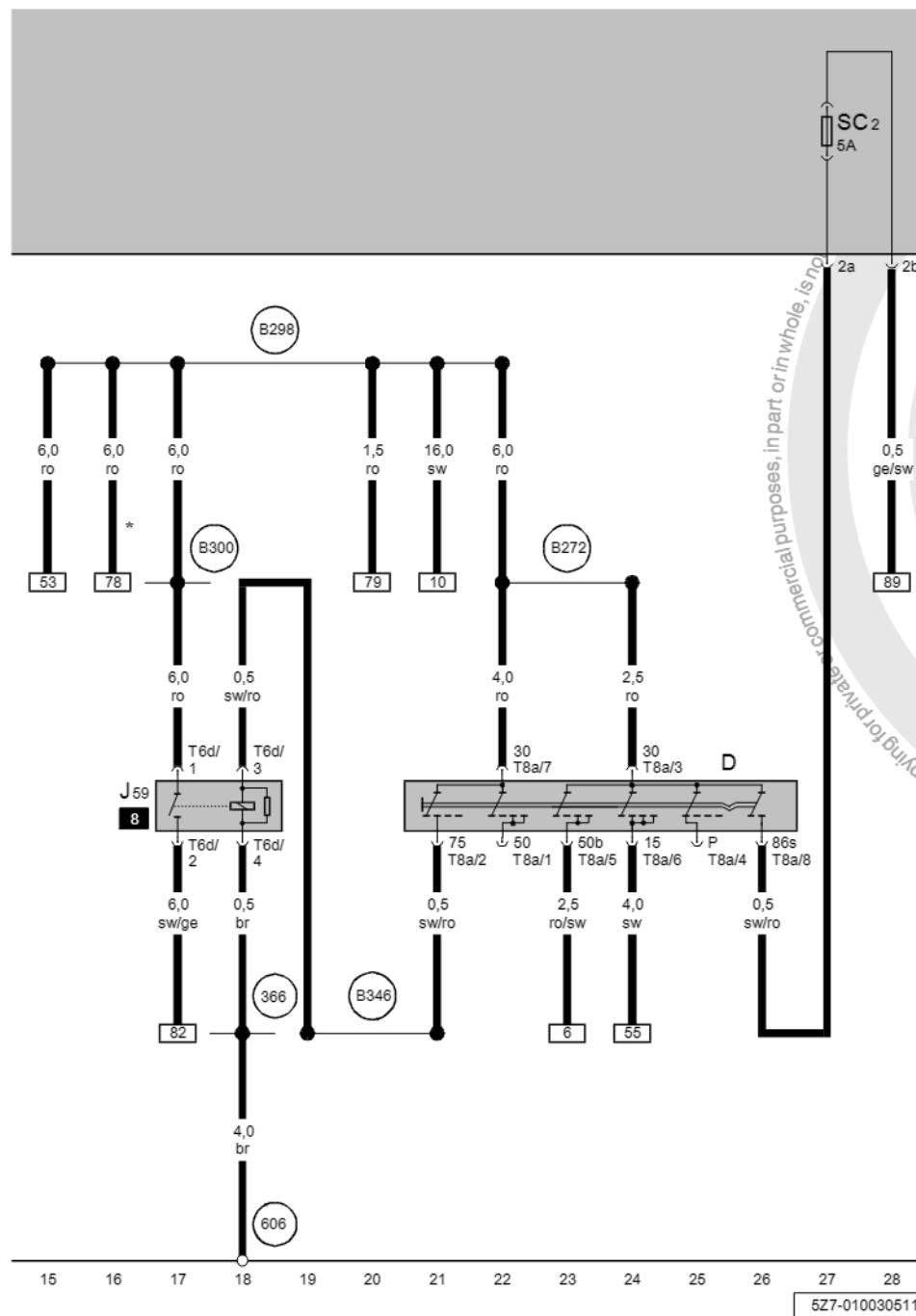
- A Battery
- B Starter
- C Generator Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 30 in battery fuse holder
- S163 Fuse 2 30 in battery fuse holder
- S164 Fuse 3 30 in battery fuse holder
- S180 Fuse 8 30 in battery fuse holder
- T1J Fitting connector single on starter
- T2ak Fitting connector 2pin on engine compartment
- T2ar Fitting connector 2pin on generator alternator

- 1 Earth strap battery body
- 49 Earth point near the battery
- 507 Screw connection 30 battery fuse holder

Until February 2011  
From February 2011

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- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink





# Ignition switch Xcontact relief relay

- D Ignition switch
  - J59 Xcontact relief relay
  - SC2 Fuse 2 on fuse holder C
  - T6d Fitting connector 6pin in Xcontact relief relay
  - T8a Fitting connector 8pin on ignition switch
  - 366 Earth connection 1 in main harness
  - 606 Earth point under the centre console near the selection lever
  - B272 Positive connection 30 on main harness
  - B298 Positive connection 2 30 on main harness
  - B300 Positive connection 4 30 on main harness
  - B346 Connection 1 75 on main harness
- Only for vehicles with convenience system

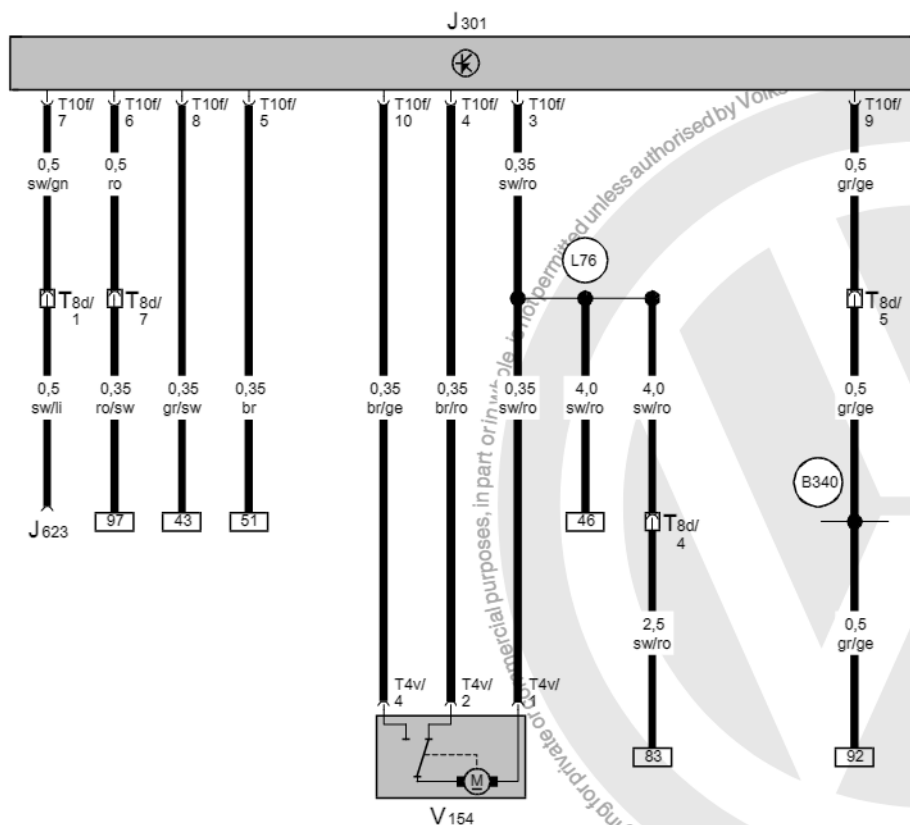
ws = white  
 sw = black  
 ro = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 ge = yellow  
 or = orange  
 rs = pink

Air conditioning system control unit Fresh air valve and recirculation valve control motor

- J301 Air conditioning system control unit
- J623 Engine control unit
- T4v Fitting connector 4pin on control motor for the fresh air valve and the recirculation valve
- T8d Fitting connector 8pin on behind dash panel centre
- T10f Fitting connector 10 poles on Air conditioning system control unit
- V154 Control motor for the fresh air valve and the recirculation valve

B340 Connection 1 58d on main harness

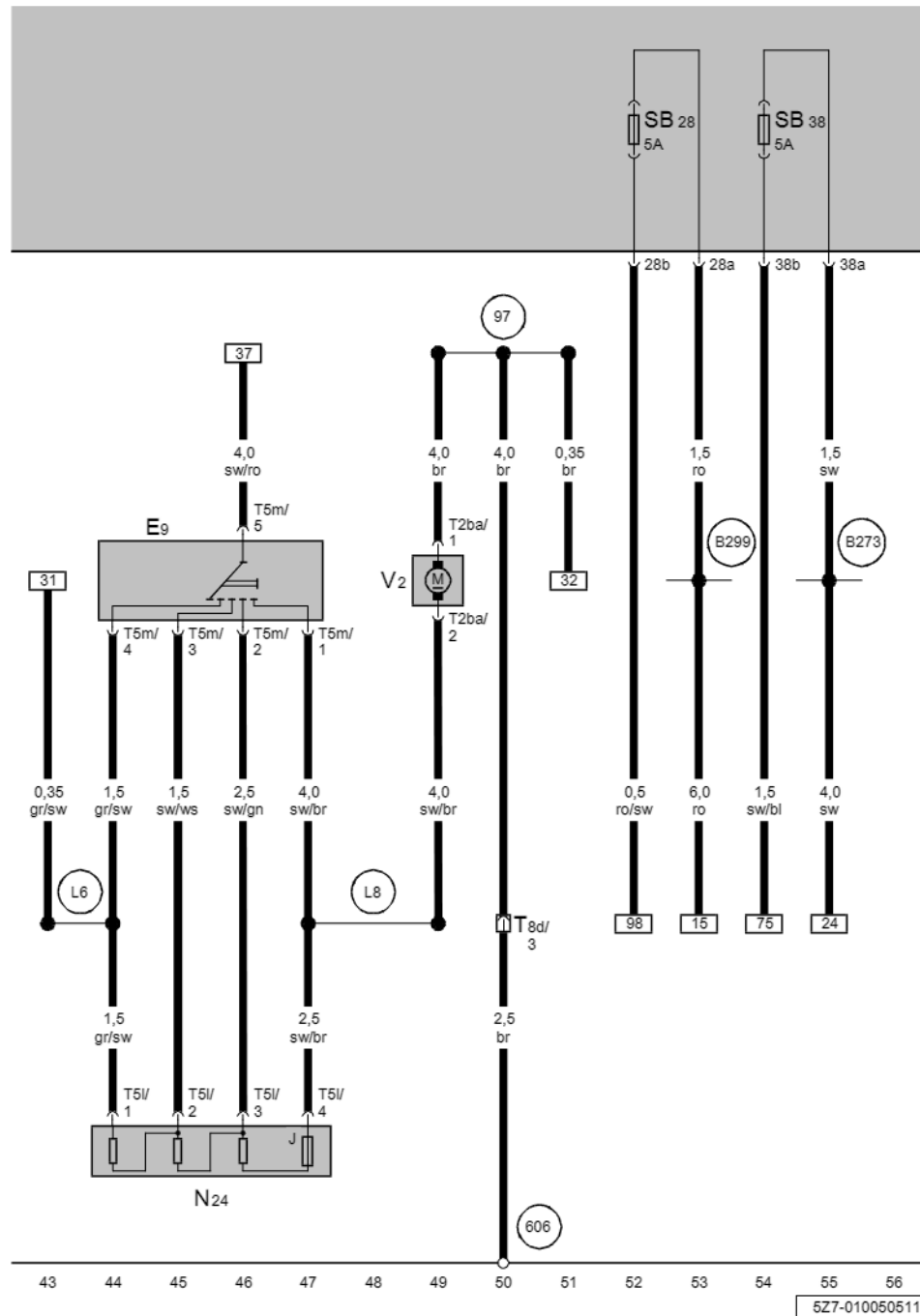
L76 Connection 87 on air conditioning wiring harness



- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

29 30 31 32 33 34 35 36 37 38 39 40 41 42

6Z7-010040511



Rear fresh air blower switch Fresh air blower series resistor with overheating fuse Fresh air blower

- E9 Fresh air blower switch
- N24 Fresh air blower series resistor with overheating fuse
- SB28 Fuse 28 on fuse holder B
- SB38 Fuse 38 on fuse holder B
- T2ba Fuse 16 on fuse holder C
- T5l Fitting connector 5pin on fresh air blower series resistor with overheating fuse
- T5m Fitting connector 5pin on fresh air blower switch
- T8d Fitting connector 8pin on behind dash panel centre
- V2 Fresh air fan
- 97 Earth connection 1 on air conditioning wiring harness
- 606 Earth point under the centre console near the selection lever
- B273 Positive connection 15 on main harness
- B299 Positive connection 3 30 on main harness
- L6 Connection 2 on wiring harness for box of the air conditioning
- L8 Connection 4 on wiring harness for box of the air conditioning

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Radiator fan 2nd speed relay Fresh air blower and radiator fan relay Radiator fan series resistor Radiator fan

J101	Radiator fan 2nd speed relay
J209	Fresh air blower and radiator fan relay
J623	Engine control unit
N39	Radiator fan series resistor
T2df	Fitting connector 2pin on radiator fan
T3ae	Fitting connector 3pin on Radiator fan series resistor
T9c	Fitting connector 9pin fresh air blower and radiator fan relay
T9d	Fitting connector 9pin on Radiator fan 2nd speed relay
V7	Radiator fan

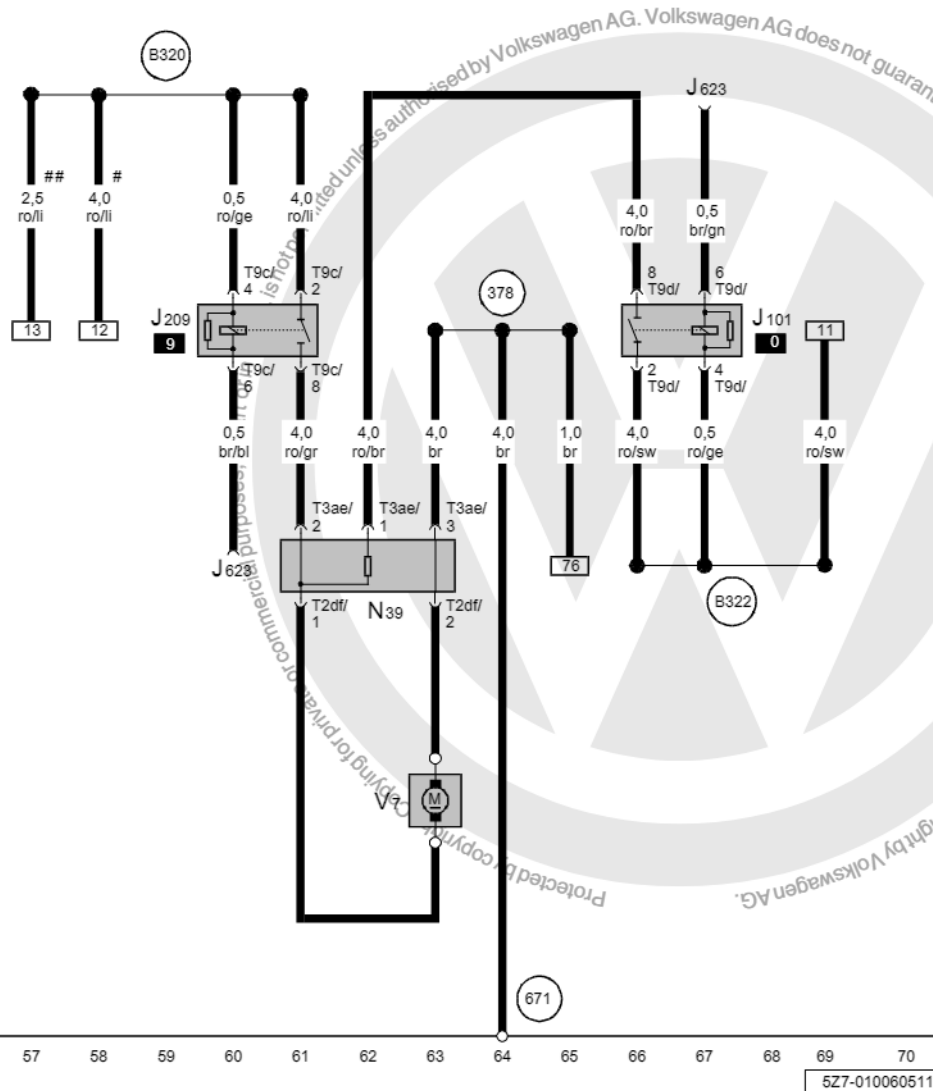
(378) Earth connection 13 in main harness

(671) Earth point 1 on left front longitudinal member

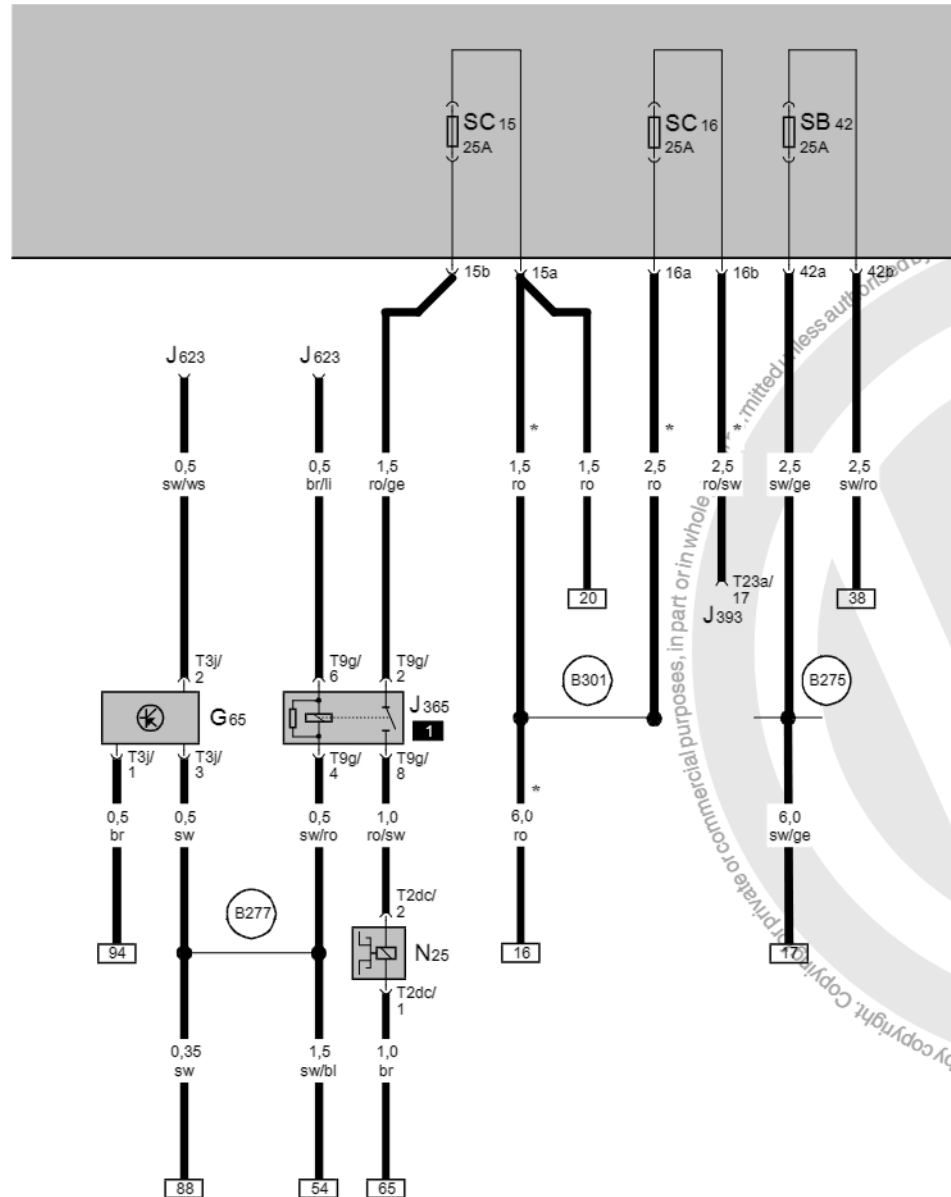
(B320) Positive connection 6 30a on main harness

(B322) Positive connection 8 30a on main harness

Until February 2011  
From February 2011



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High pressure sensor Air conditioning system switchoff relay  
Air conditioning system magnetic clutch

- G65 High pressure sensor
- J365 Air conditioning system switchoff relay
- J393 Central control unit for the convenience system
- J623 Engine control unit
- N25 Air conditioning system magnetic clutch
- SB38 Fuse 42 on fuse holder B
- SC 15 Fuse 15 on fuse holder C
- SC 16 Fitting connector 2pin on air conditioning system magnetic clutch
- T2dc Fitting connector 2pin on air conditioning system magnetic clutch
- T3j Fitting connector 3pin on high pressure sensor
- T9g Fitting connector 9pin on Air conditioning system switchoff relay
- T23a Fitting connector 23 poles on central control unit for the convenience system

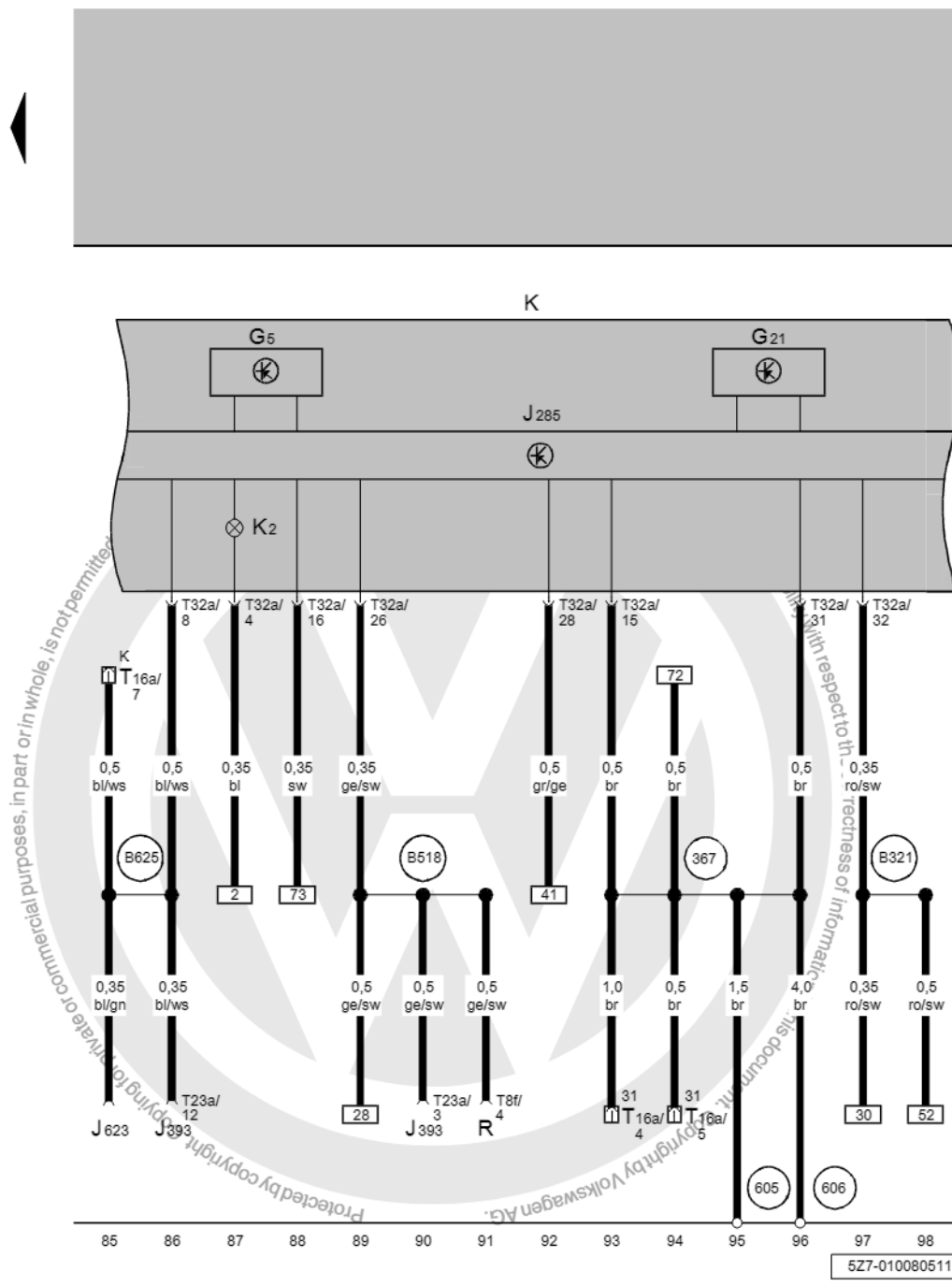
- (B275) Positive connection 87 on main harness
- (B277) Positive connection 15a on main harness
- (B301) Positive connection 530 on main harness
- Only for vehicles with convenience system

ws = white  
sw = black  
ro = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
ge = yellow  
or = orange  
rs = pink

Tachometer Speedometer Control unit w indicator on the combined instrument Combined instrument Alternator control light

- G5 Tachometer
- G21 Speedometer
- J285 Control unit w indicator on the combined instrument
- J393 Central control unit for the convenience system
- J623 Engine control unit
- K Combined instrument
- K2 Alternator control light
- R Radio
- T8f Fitting connector 8pin on radio
- T16a Fitting connector 16 poles in diagnosis
- T23a Fitting connector 23 poles on central control unit for the convenience system
- T32a Fitting connector 32 poles on Control unit w indicator on the combined instrument

- 367 Earth connection 2 in main harness
- 605 Earth point in upper steering column area
- 606 Earth point under the centre console near the selection lever
- B321 Positive connection 7 30a on main harness
- B518 Connection 86s on main harness
- B625 Connection diagnostic cable K on main harness



## Radio

From March 2010

### Notes

For information about

◆ Location of relay and fuse

◆ Connectors

◆ Control units

◆ Earth points

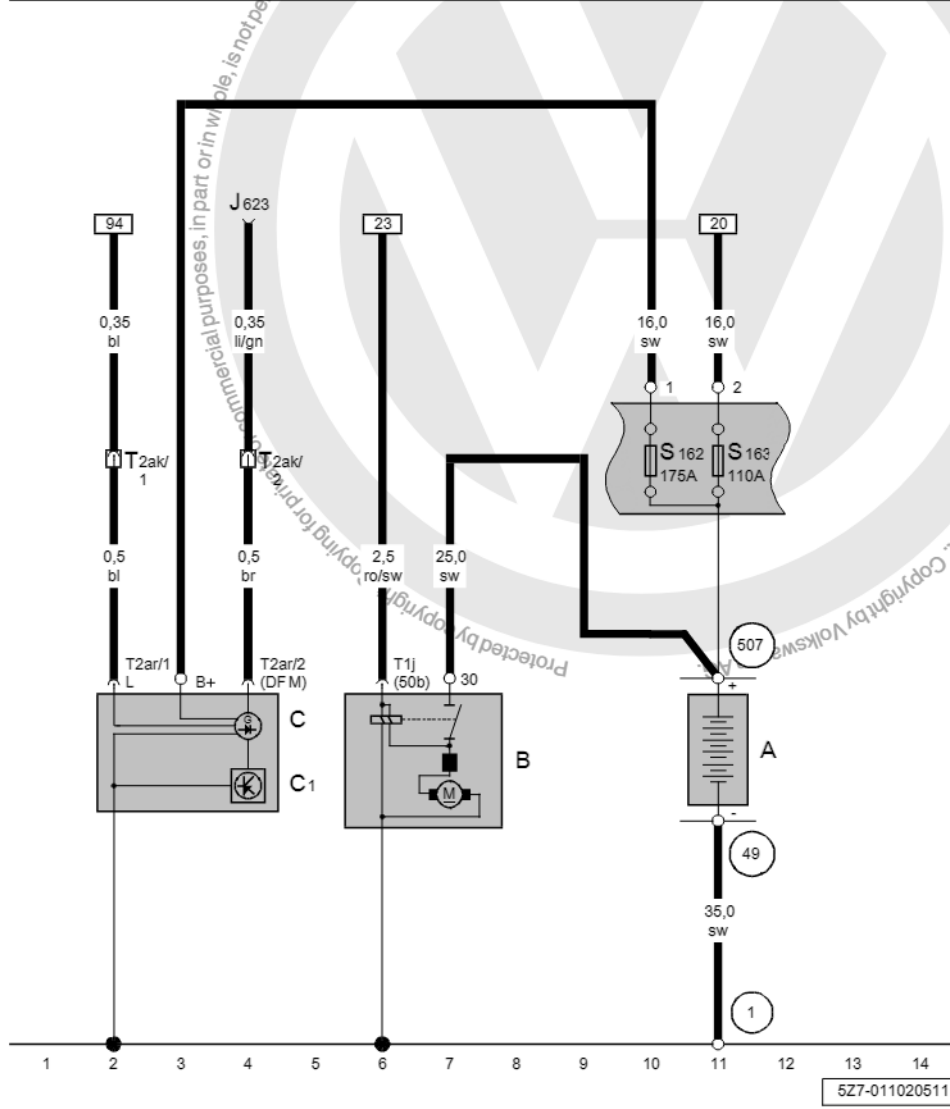
⇒ See fitting locations

For information about

◆ Assisted fault pinpointing

⇒ See Guided functions





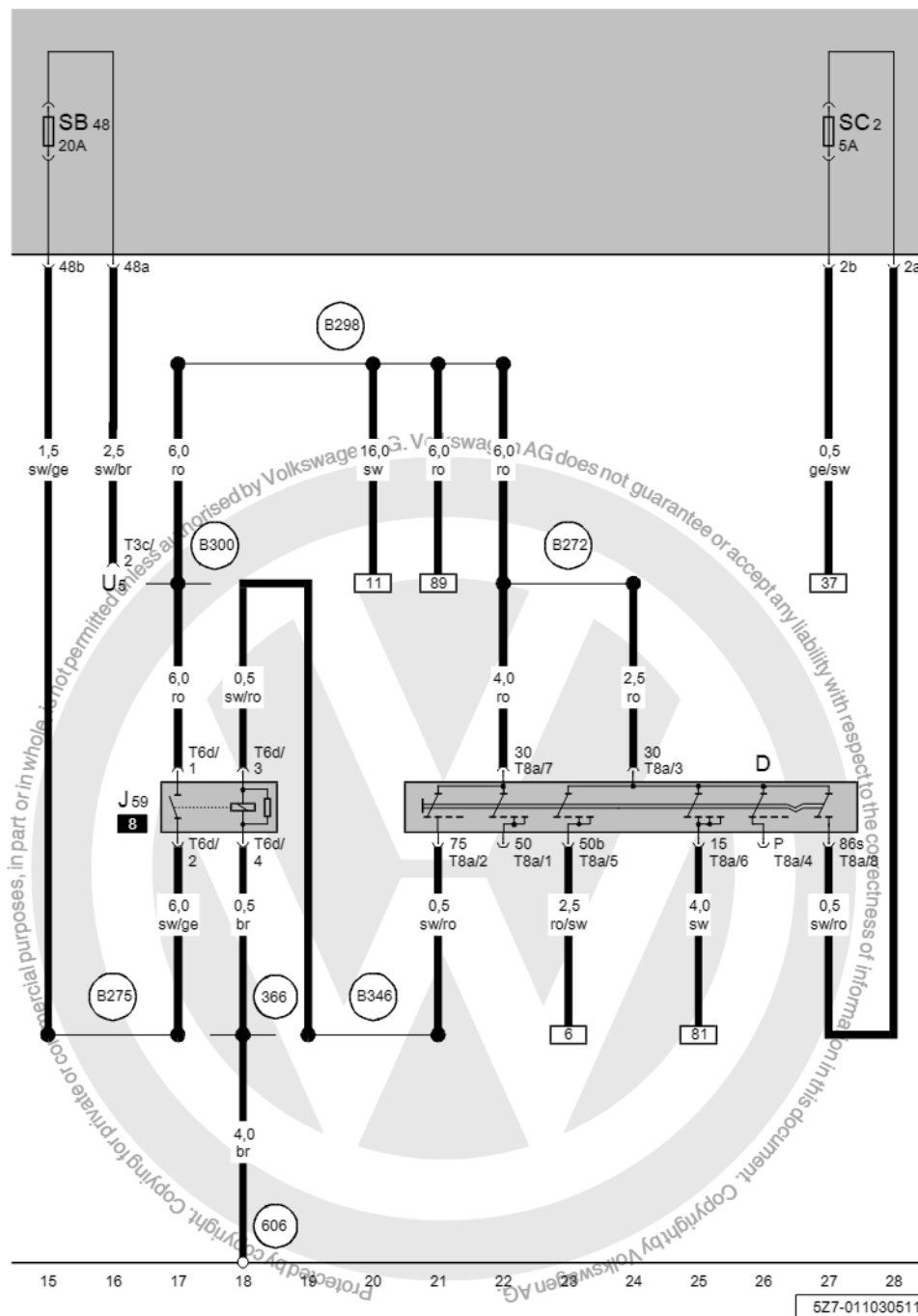
Battery Starter Generator Alternator Voltage regulator

- A Battery
- B Starter
- C Generator Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 30 in battery fuse holder
- S163 Fuse 2 30 in battery fuse holder
- T1j Fitting connector single on starter
- T2ak Fitting connector 2pin on engine compartment
- T2ar Fitting connector 2pin on generator alternator

- 1 Earth strap battery body
- 49 Earth point near the battery
- 507 Screw connection 30 battery fuse holder

- ws = white
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- ro = red
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- gr = grey
- li = purple
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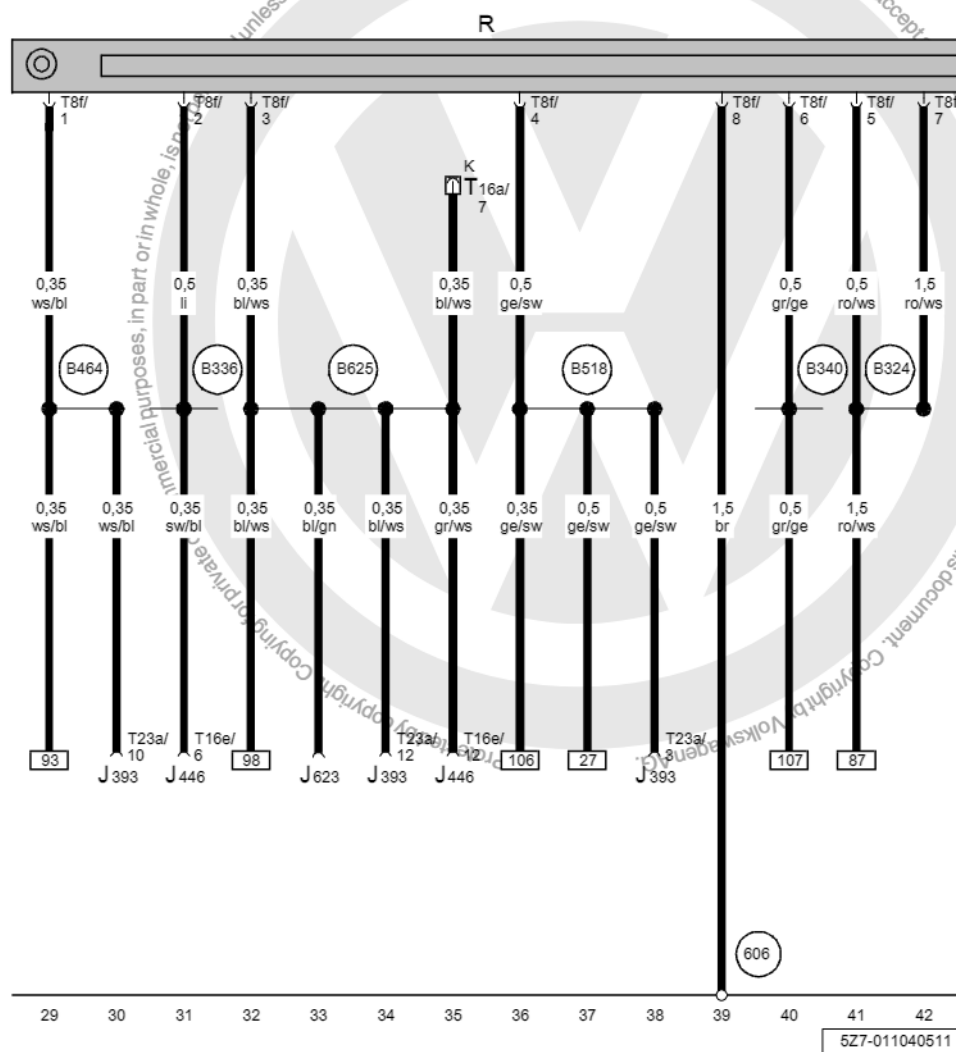
### Ignition switch Xcontact relief relay

- D Ignition switch
- J59 Xcontact relief relay
- SB48 Fuse 48 on fuse holder B
- SC2 Fuse 2 on fuse holder C
- T3c Fitting connector 3pin on 12volt socket
- T6d Fitting connector 6pin in Xcontact relief relay
- T8a Fitting connector 8pin on ignition switch
- U5 12volt socket

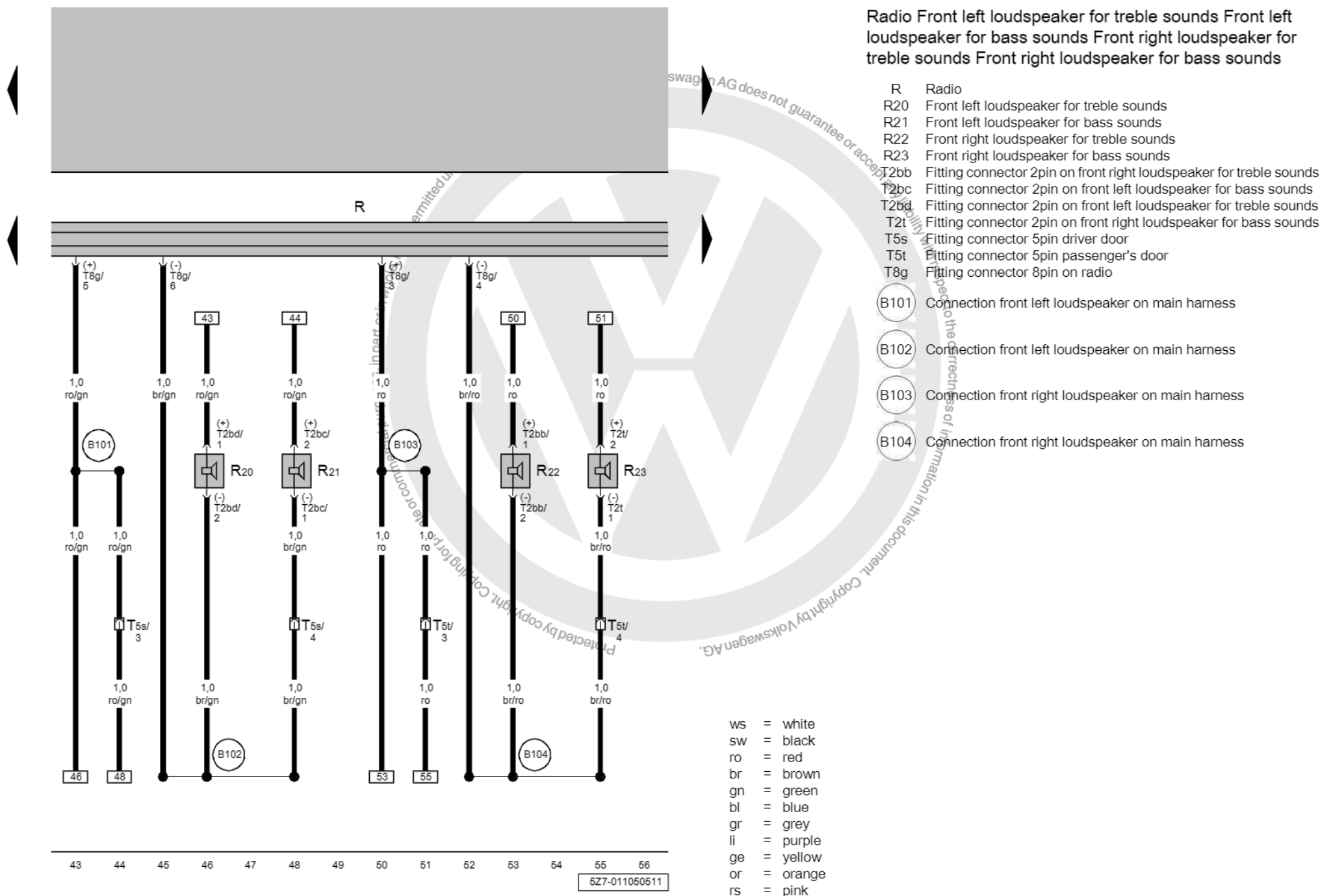
- 366 Earth connection 1 in main harness
- 606 Earth point under the centre console near the selection lever
- B272 Positive connection 30 on main harness
- B275 Positive connection 87 on main harness
- B298 Positive connection 2 30 on main harness
- B300 Positive connection 4 30 on main harness
- B346 Connection 1 75 on main harness

- |      |   |
|------|---|
| J393 | Central control unit for the convenience system                               |
| J446 | Control unit for parking aid  |
| J623 | Engine control unit   |
| R    | Radio   |
| T8f  | Fitting connector 8pin on radio   |
| T16a | Fitting connector 16 poles in diagnosis                                       |
| T16e | Fitting connector 16 poles on control unit for parking aid                    |
| T23a | Fitting connector 23 poles on central control unit for the convenience system |

- |      |   |
|------|---|
| 606  | Earth point under the centre console near the selection lever |
| B324 | Positive connection 10 30a on main harness                    |
| B336 | Connection 2 54 on main harness                               |
| B340 | Connection 2 54 on main harness                               |
| B464 | Connection speed signal on main harness                       |
| B518 | Connection 86s on main harness                                |
| B625 | Connection diagnostic cable K on main harness                 |

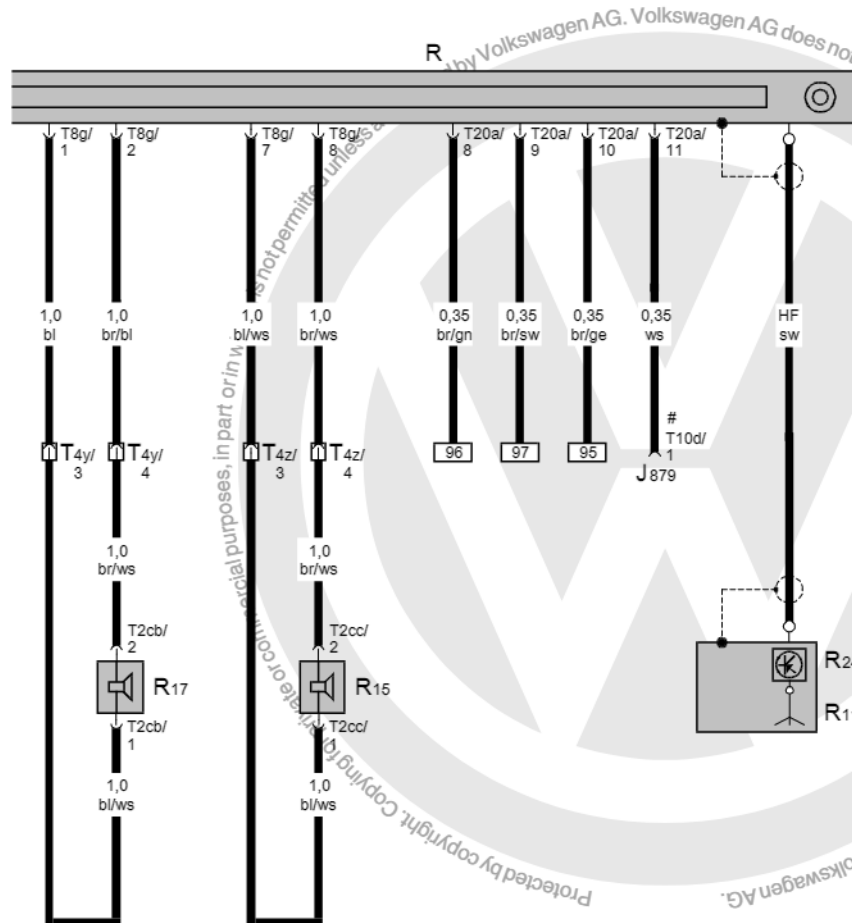


ws = white  
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gr = grey  
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or = orange  
rs = pink

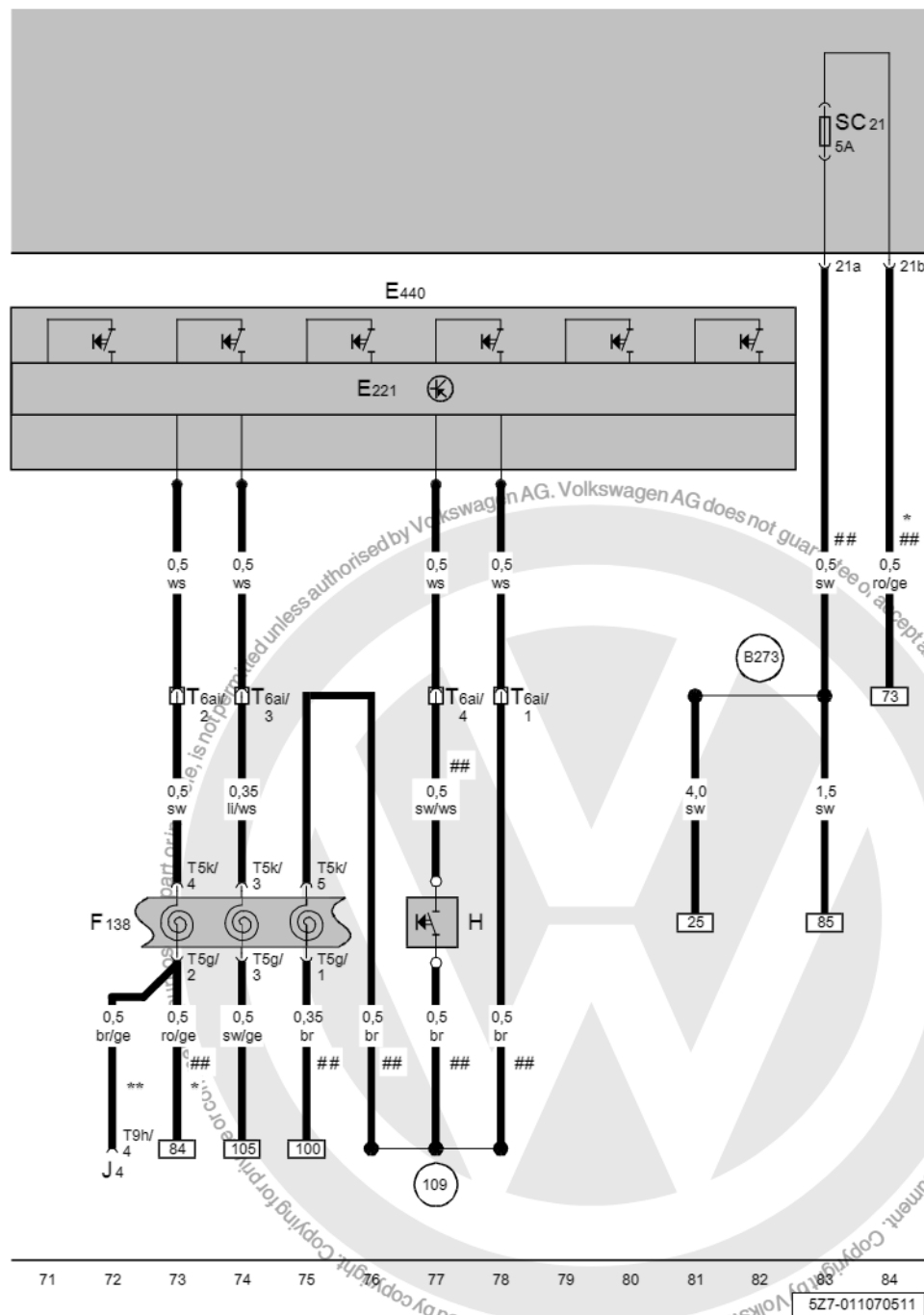


Radio Antenna Left rear loudspeaker for bas sounds Right rear loudspeaker for bass sounds Aerial amplifier

- J879 Control unit for interactive system
  - R Radio
  - R11 Antenna
  - R15 Left rear speaker for bass sounds
  - R17 Right rear speaker for bass sounds
  - R24 Aerial amplifier
  - T2cb Fitting connector 2pin on rear right loudspeaker for bass sounds
  - T2cc Fitting connector 2pin on rear left loudspeaker for bass sounds
  - T4y Fitting connector 4pin for rear right door
  - T4z Fitting connector 4pin for rear left door
  - T8g Fitting connector 8pin on radio
  - T10d Fitting connector 20 poles on control unit for interactive system
  - T20a Fitting connector 20 poles in radio
- From July 2010



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- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink



Control unit on the steering wheel Multifunction controls on the left side of the steering wheel Airbag coil connector and return ring with slip ring Horn activator

- E221 Control unit on the steering wheel
- E440 Multifunction controls on the left side of the steering wheel
- F138 Airbag coil connector and return ring with slip ring
- H Horn activator
- J4 Dual tone horn relay
- SC21 Fuse 21 on fuse holder C
- T5g Fitting connector 5pin on airbag coil connector and return ring with slip ring
- T5k Fitting connector 5pin on airbag coil connector and return ring with slip ring
- T6ai Fitting connector 6pin in steering wheel
- T9h Fitting connector 9pin in dual tone horn relay

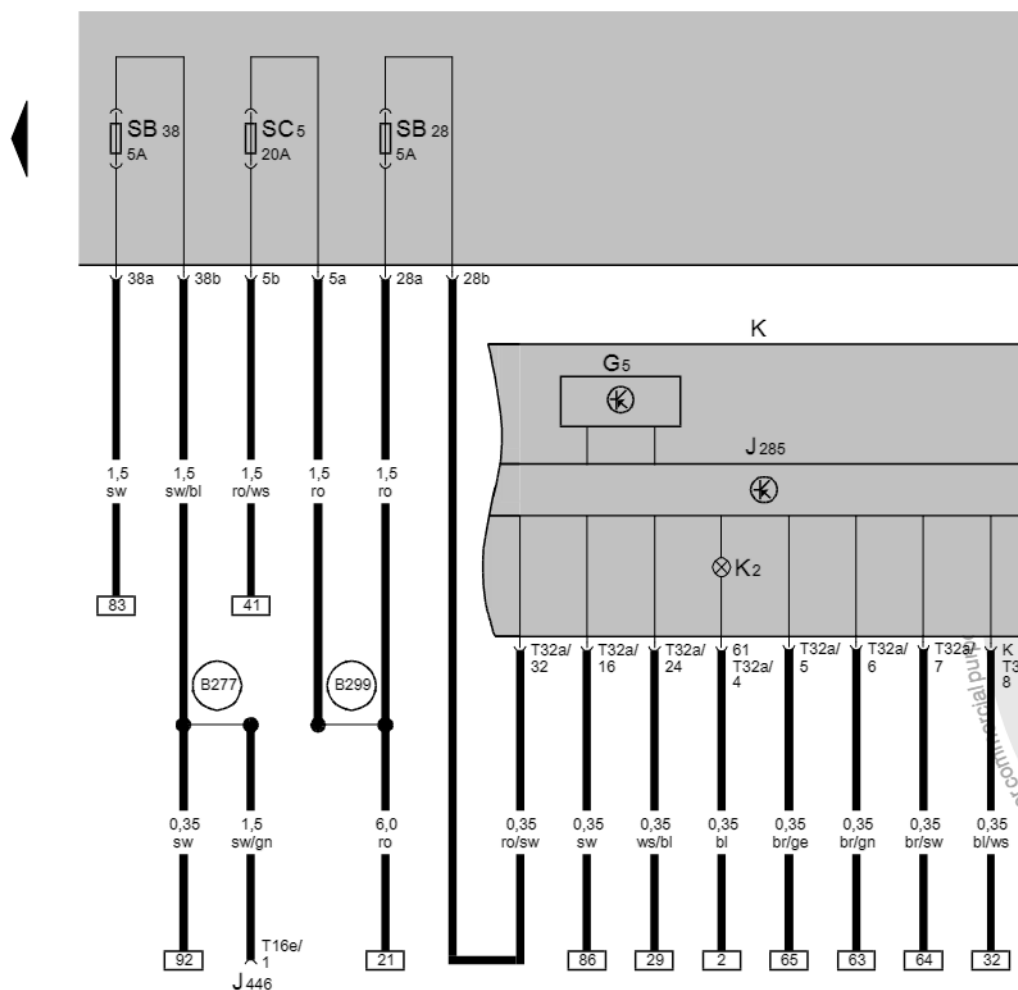
109 Earth connection in the airbag wiring harness

B273 Positive connection 15 on main harness

Only for vehicles with multifunction steering wheel or driver's and passenger's airbag

Only for vehicles with interactive system

Only for vehicles with buttons on steering wheel for radio command



Tachometer Control unit w indicator on the combined instrument Combined instrument Alternator control light

- G5 Tachometer
- J285 Control unit w indicator on the combined instrument
- J446 Control unit for parking aid
- K Combined instrument
- K2 Alternator control light
- SB28 Fuse 28 on fuse holder B
- SB38 Fuse 38 on fuse holder B
- SC5 Fuse 5 on fuse holder C
- T16e Fitting connector 16 poles on control unit for parking aid
- T32a Fitting connector 32 poles in combined instrument

(B277) Positive connection 1 15a on main harness

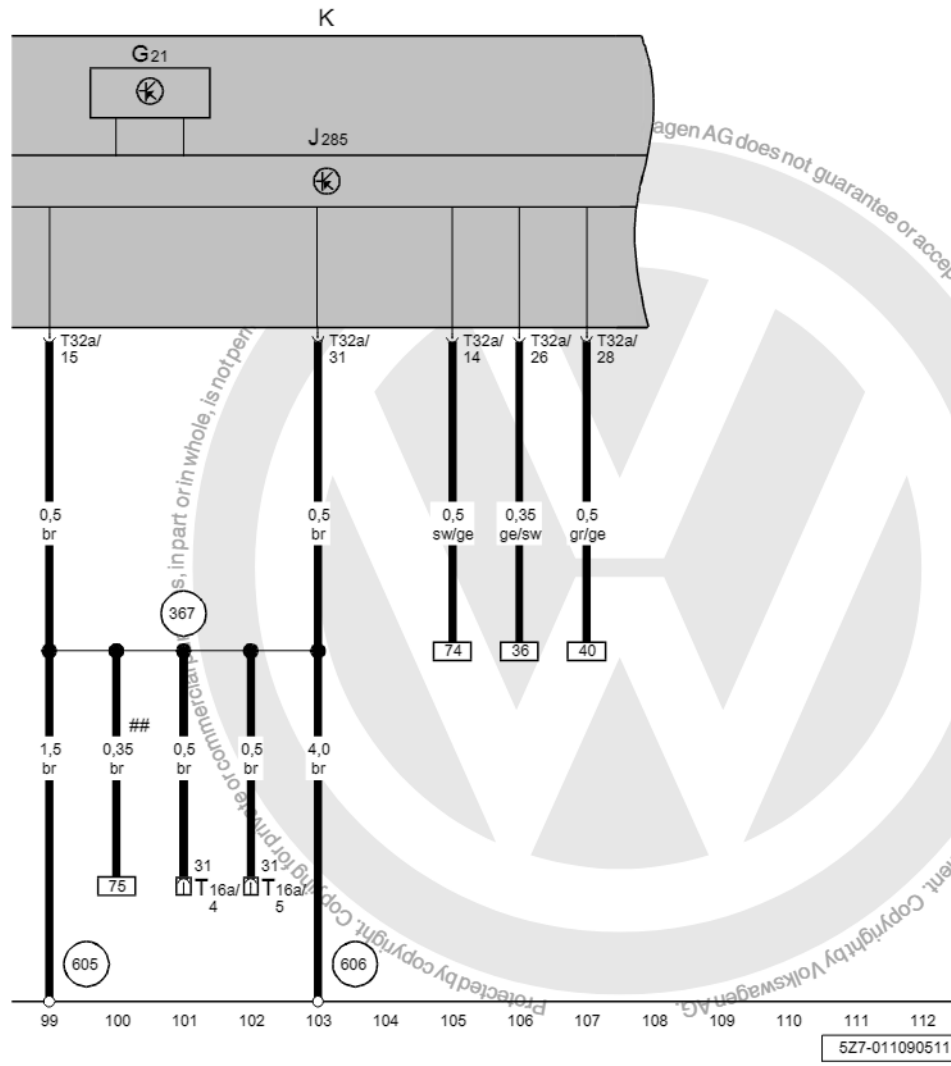
(B299) Positive connection 3 30 on main harness

- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Speedometer Control unit w indicator on the combined instrument  
Combined instrument

- G21 Speedometer
- J285 Control unit w indicator on the combined instrument
- K Combined instrument
- T16a Fitting connector 16 poles in diagnosis
- T32a Fitting connector 32 poles in combined instrument

- 367 Earth connection 2 in main harness
  - 605 Earth point in upper steering column area
  - 606 Earth point under the centre console near the selection lever
- Only for vehicles with buttons on steering wheel for radio command



5Z7-011090511

## Wiper and washer and defogger system

From March 2010

### Notes

For information about

◆ Location of relay and fuse

◆ Connectors

◆ Control units

◆ Earth points

⇒ See fitting locations

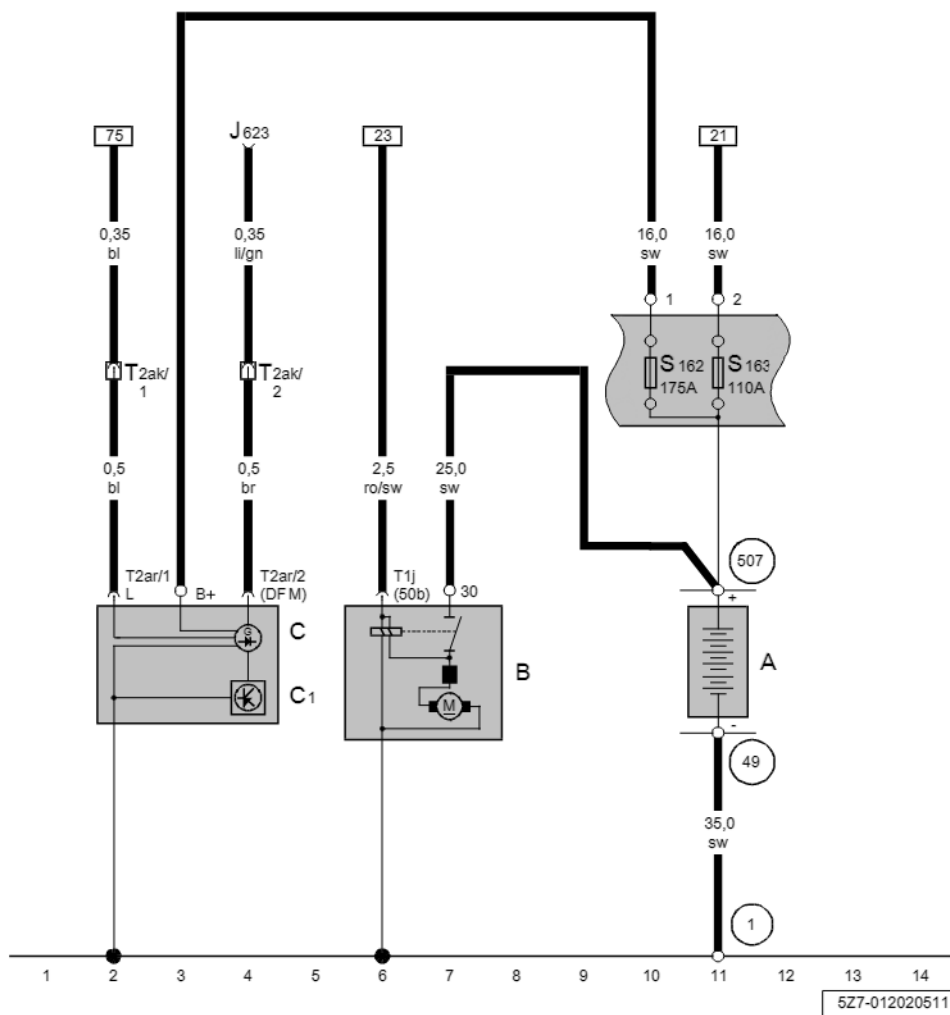
For information about

◆ Assisted fault pinpointing

⇒ See Guided functions





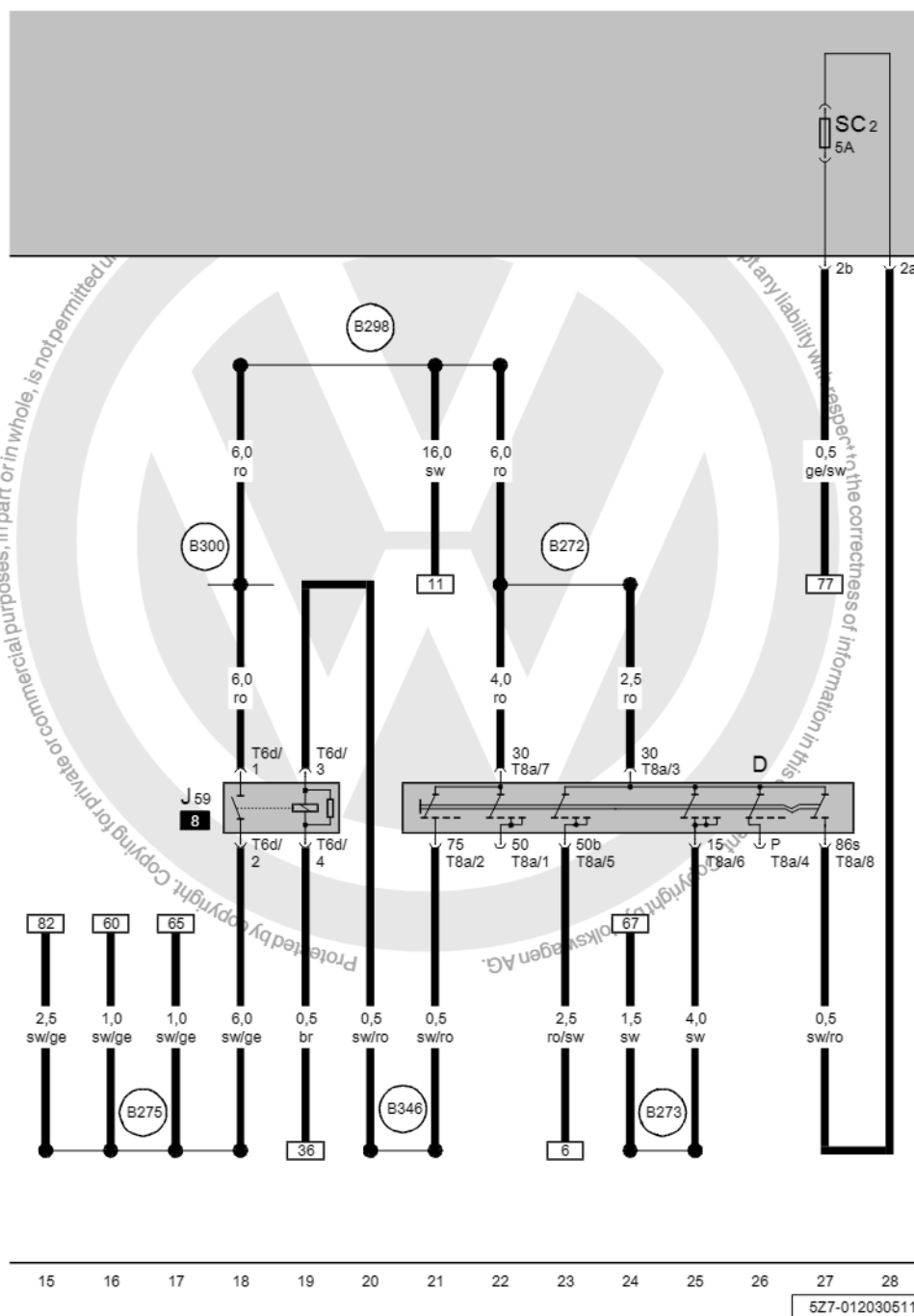


Battery Starter Generator Alternator Voltage regulator

- A Battery
- B Starter
- C Generator Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 30 in battery fuse holder
- S163 Fuse 2 30 in battery fuse holder
- T1j Fitting connector single on starter
- T2ak Fitting connector 2pin on engine compartment
- T2arr Fitting connector 2pin on generator alternator

- 1 Earth strap battery body
- 49 Earth point near the battery
- 507 Screw connection 30 battery fuse holder

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- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink



Ignition switch Xcontact relief relay

- |     |   |
|-----|---|
| D   | Ignition switch                                 |
| J59 | Xcontact relief relay                           |
| SC2 | Fuse 2 on fuse holder C                         |
| T6d | Fitting connector 6pin in Xcontact relief relay |
| T8a | Fitting connector 8pin on ignition switch       |

- B272 Positive connection 30 on main harness
- B273 Positive connection 15 on main harness
- B275 Positive connection 87 on main harness
- B298 Positive connection 2 30 on main harness
- B300 Positive connection 4 30 on main harness
- B346 Connection 1 75 on main harness

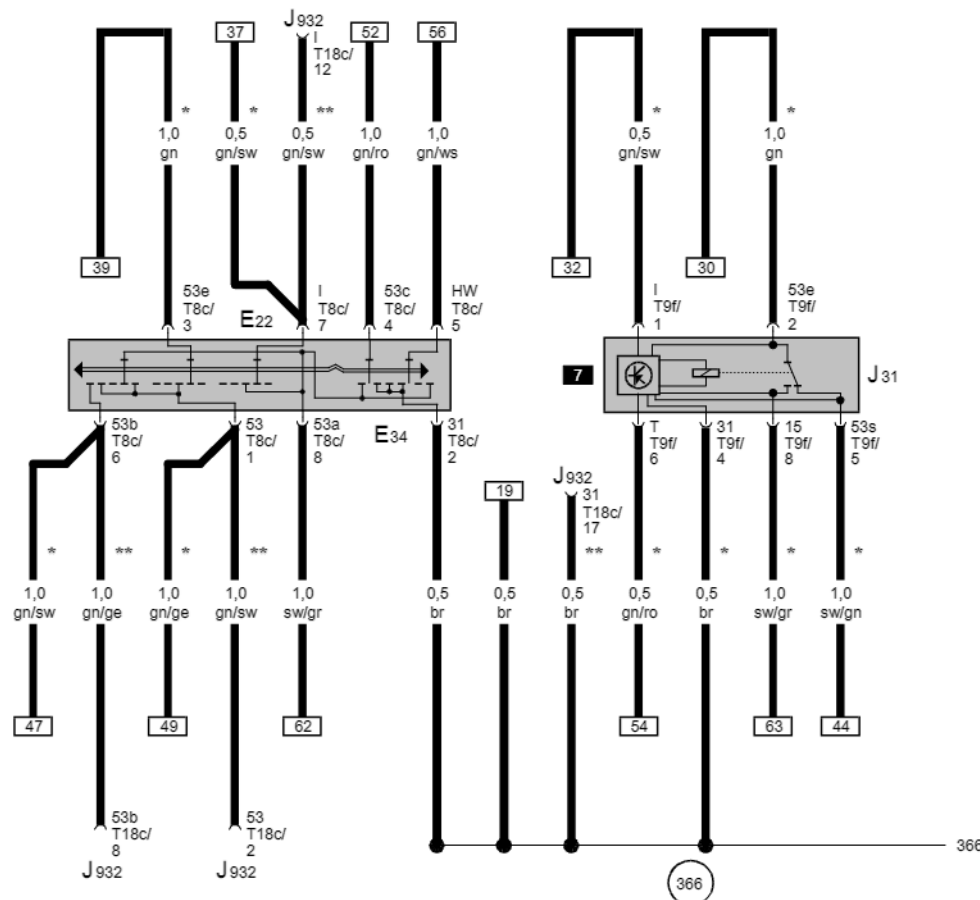
ws = white  
sw = black  
ro = red  
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gn = green  
bl = blue  
gr = grey  
li = purple  
ge = yellow  
or = orange  
rs = pink

Windshield wiper timer switch intermittent operation Rear wiper switch Automatic intermittent wash and wiper relay

- E22 Windshield wiper timer switch intermittent operation
- E34 Rear wiper switch
- J31 Automatic intermittent wash and wipe relay
- J932 Automatic intermittent wash and wipe control unit
- T8c Fitting connector 8pin on windshield wiper timer switch intermittent operation
- T9f Fitting connector 9pin in automatic intermittent washer and wiper relay
- T18c Fitting connector 18 poles on automatic intermittent washer and wiper control unit

366 Earth connection 1 in main harness

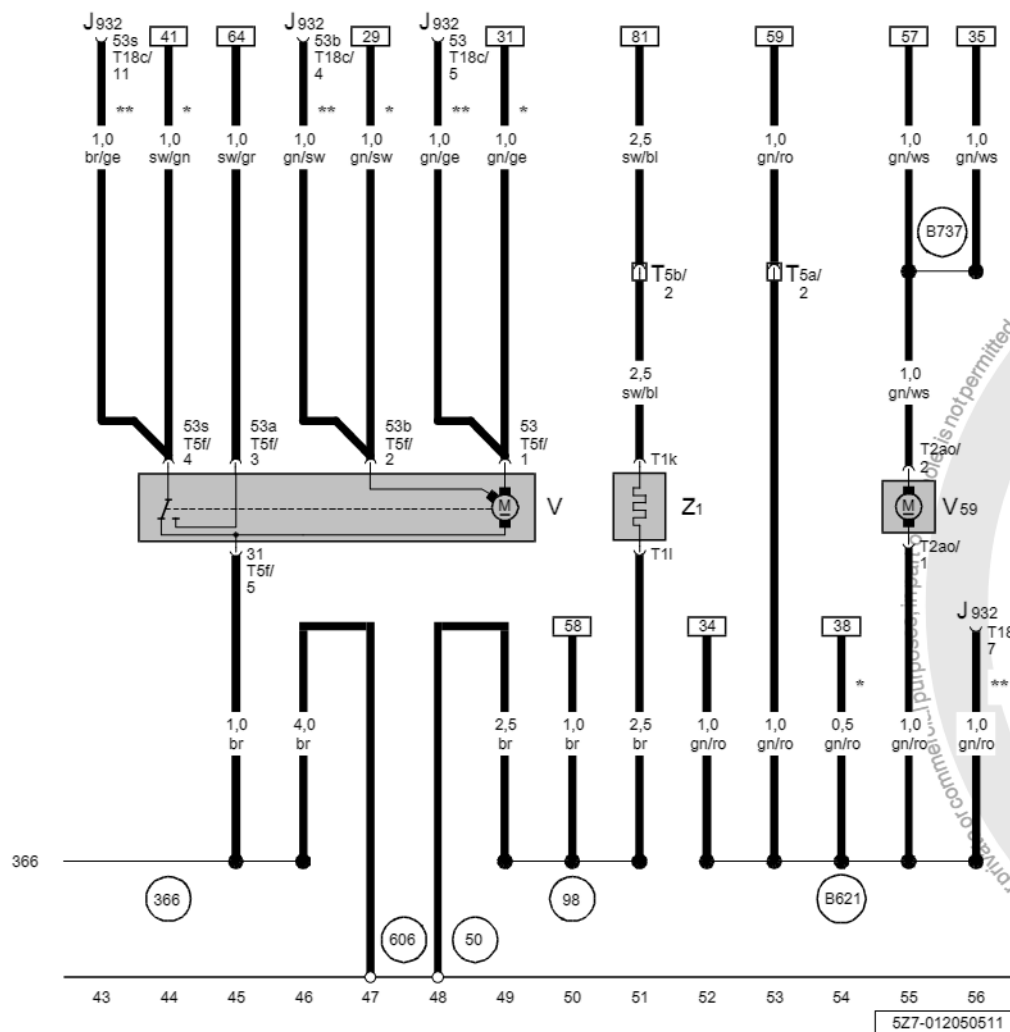
Only for vehicles without rain and light sensor  
Only for vehicles with rain and light sensor



ws = white  
sw = black  
ro = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
ge = yellow  
or = orange  
rs = pink

Windshield wiper motor  
Windshield and rear window washer pump  
Heated rear window

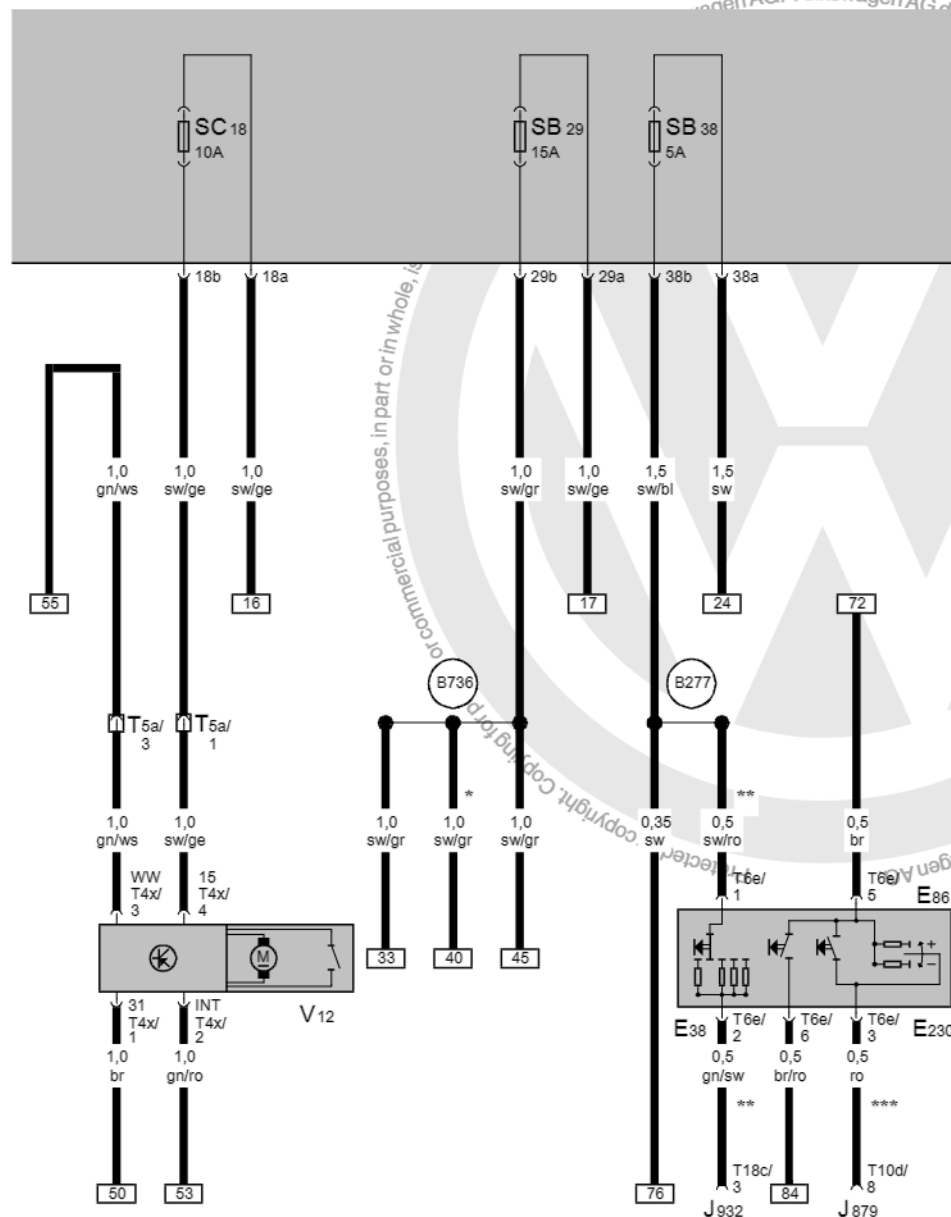
- J932 Automatic intermittent wipe control unit and
- T1k Fitting connector single heated rear window
- T1l Fitting connector single heated rear window
- T2ao Fitting connector 2pin in windshield and rear window washer pump
- T5a Fitting connector 5pin behind rear left side lining near the wheelhouse
- T5b Fitting connector 5pin behind rear left side lining near the wheelhouse
- T5f Fitting connector 5pin in windshield wiper motor
- T18c Fitting connector 18 poles on automatic intermittent washer and wiper control unit
- V Windshield wiper motor
- V59 Windshield and rear window washer pump
- Z1 Heated rear window



ws = white  
sw = black  
ro = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
ge = yellow  
or = orange  
rs = pink

- 50 Earth point on left luggage compartment
- 98 Earth connection on rear lid wiring harness
- 366 Earth connection 1 in main harness
- 606 Earth point under the centre console near the selection lever
- B621 Connection 1 53c on main harness
- B737 Connection 2 53c on main harness

Only for vehicles without rain and light sensor  
Only for vehicles with rain and light sensor



Intermittent wiper regulator Multifunction display callup button Heater rear window switch Rear window wiper motor

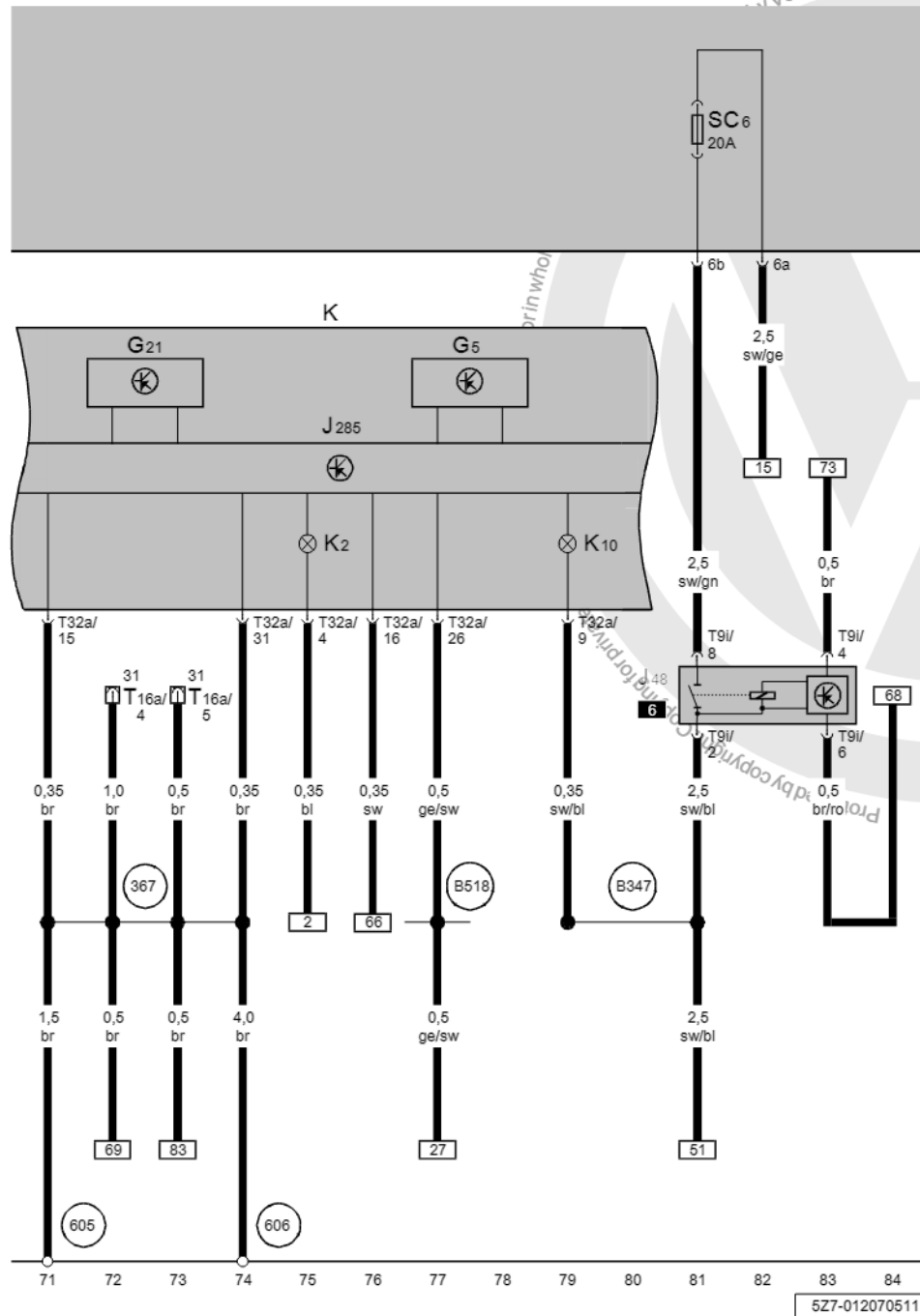
- E38 Intermittent wiper regulator
- E86 Multifunction display callup button
- E230 Heater rear window switch
- J879 Control unit for interactive system
- J932 Automatic intermittent wash and wipe control unit
- SB29 Fuse 29 on fuse holder B
- SB38 Fuse 38 on fuse holder B
- SC18 Fuse 18 on fuse holder C
- T4x Fitting connector 4pin on rear window wiper motor
- T5a Fitting connector 5pin behind rear left side lining near the wheelhouse
- T6e Fitting connector 6pin on heated rear window switch
- T10d Fitting connector 10 poles on control unit for interactive system
- T18c Fitting connector 18 poles on automatic intermittent washer and wiper control unit
- V12 Rear window wiper motor

(B277) Positive connection 1 15a on main harness

(B736) Positive connection 53a on main harness

Only for vehicles without rain and light sensor  
Only for vehicles with rain and light sensor  
Only for vehicles with interactive system

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rs = pink



Tachometer Speedometer Heated rear window control relay  
Control unit w indicator on the combined instrument Combined  
instrument Alternator control light Heated rear window warning  
lamp

- G5 Tachometer
- G21 Speedometer
- J48 Heater rear window control relay
- J285 Control unit w indicator on the combined instrument
- K Combined instrument
- K2 Alternator control light
- K10 Rear window heating control light
- T9i Fitting connector 9pin on heated rear window control relay
- T16a Fitting connector 16 poles in diagnosis
- T32a Fitting connector 32 poles in combined instrument
- SC16 Fuse 16 on fuse holder C

- (367) Earth connection 2 in main harness
- (605) Earth point in upper steering column area
- (606) Earth point under the centre console near the selection lever
- (B347) Connection 2 75 on main harness
- (B518) Connection 86s on main harness

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- or = orange
- rs = pink

## Interactive system

From March 2010

### Notes

For information about

◆ Location of relay and fuse

◆ Connectors

◆ Control units

◆ Earth points

⇒ See fitting locations

For information about

◆ Assisted fault pinpointing

⇒ See Guided functions

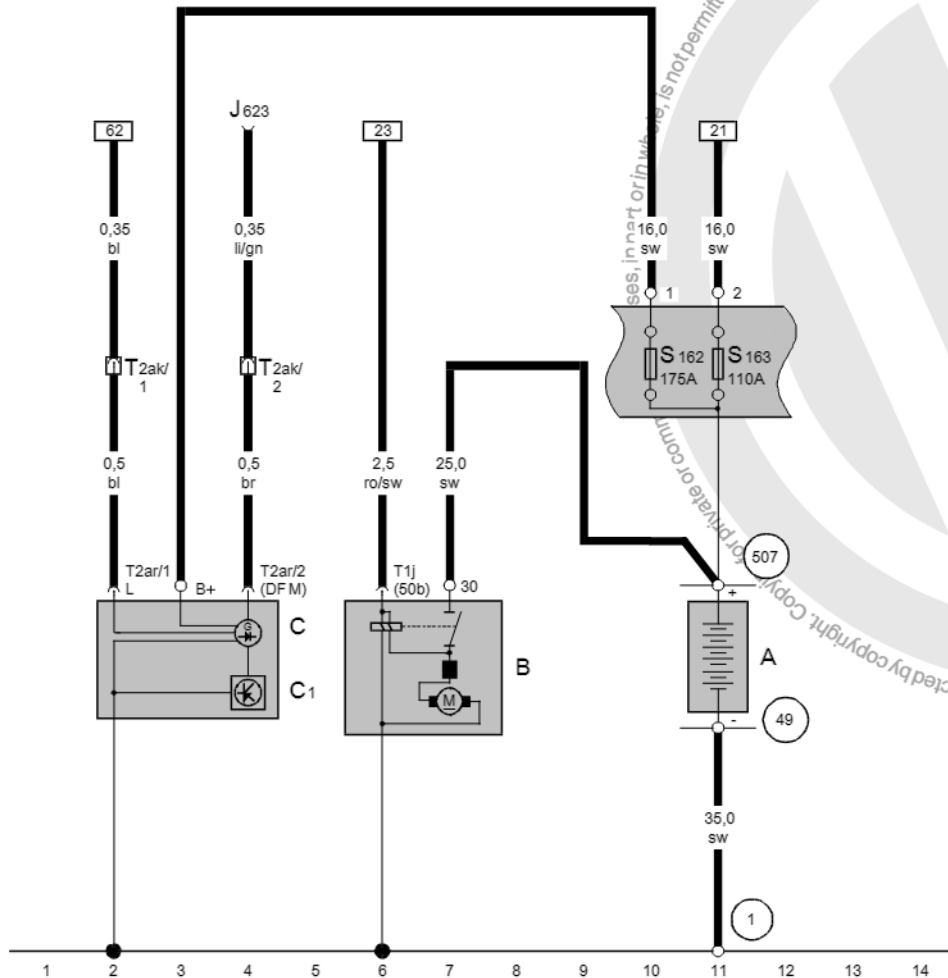




Battery Starter Generator Alternator Voltage regulator

- A Battery
- B Starter
- C Generator Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 30 in battery fuse holder
- S163 Fuse 2 30 in battery fuse holder
- T1j Fitting connector single on starter
- T2ak Fitting connector 2pin on engine compartment
- T2ar Fitting connector 2pin on generator alternator

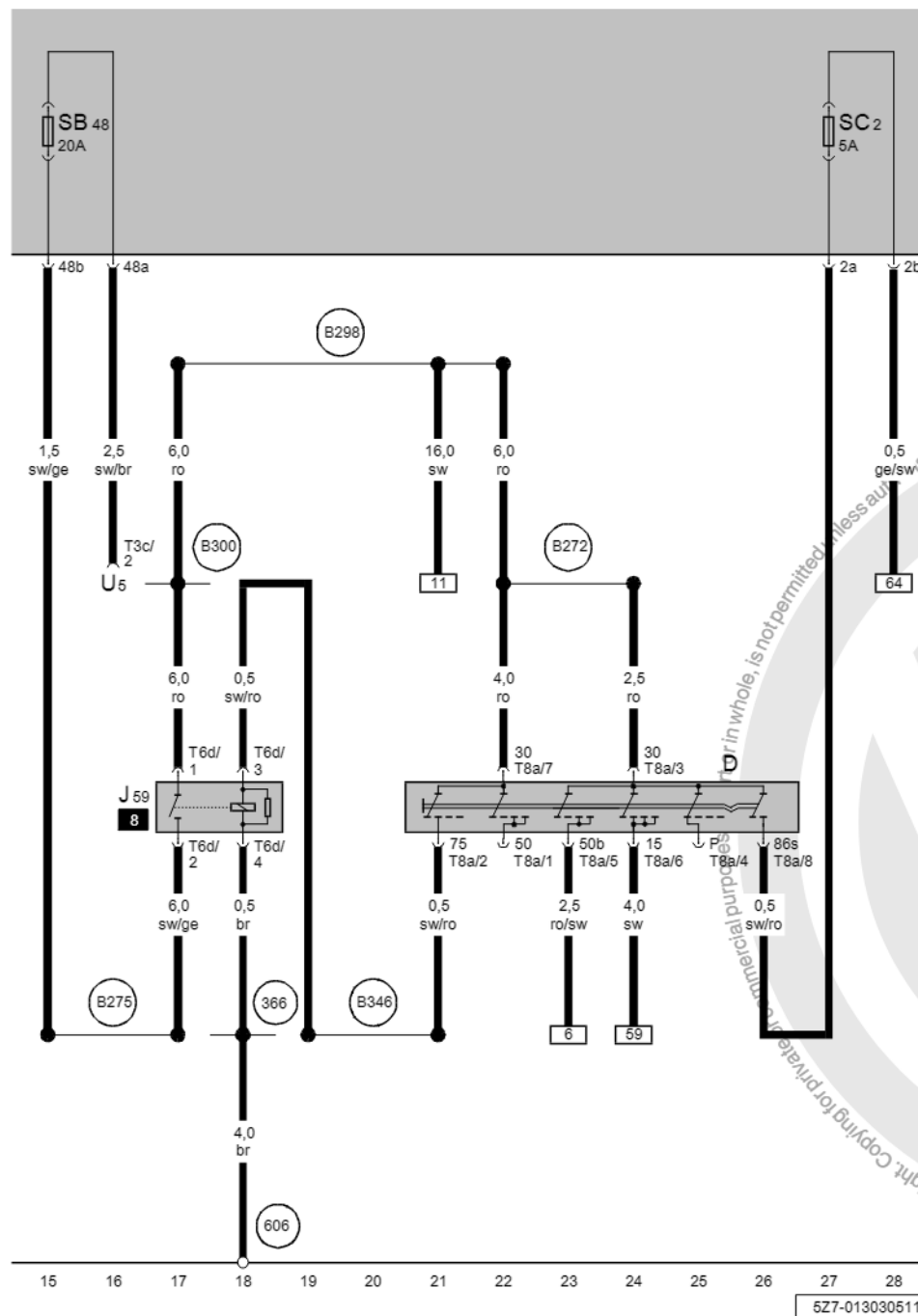
- 1 Earth strap battery body
- 49 Earth point near the battery
- 507 Screw connection 30 battery fuse holder



- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

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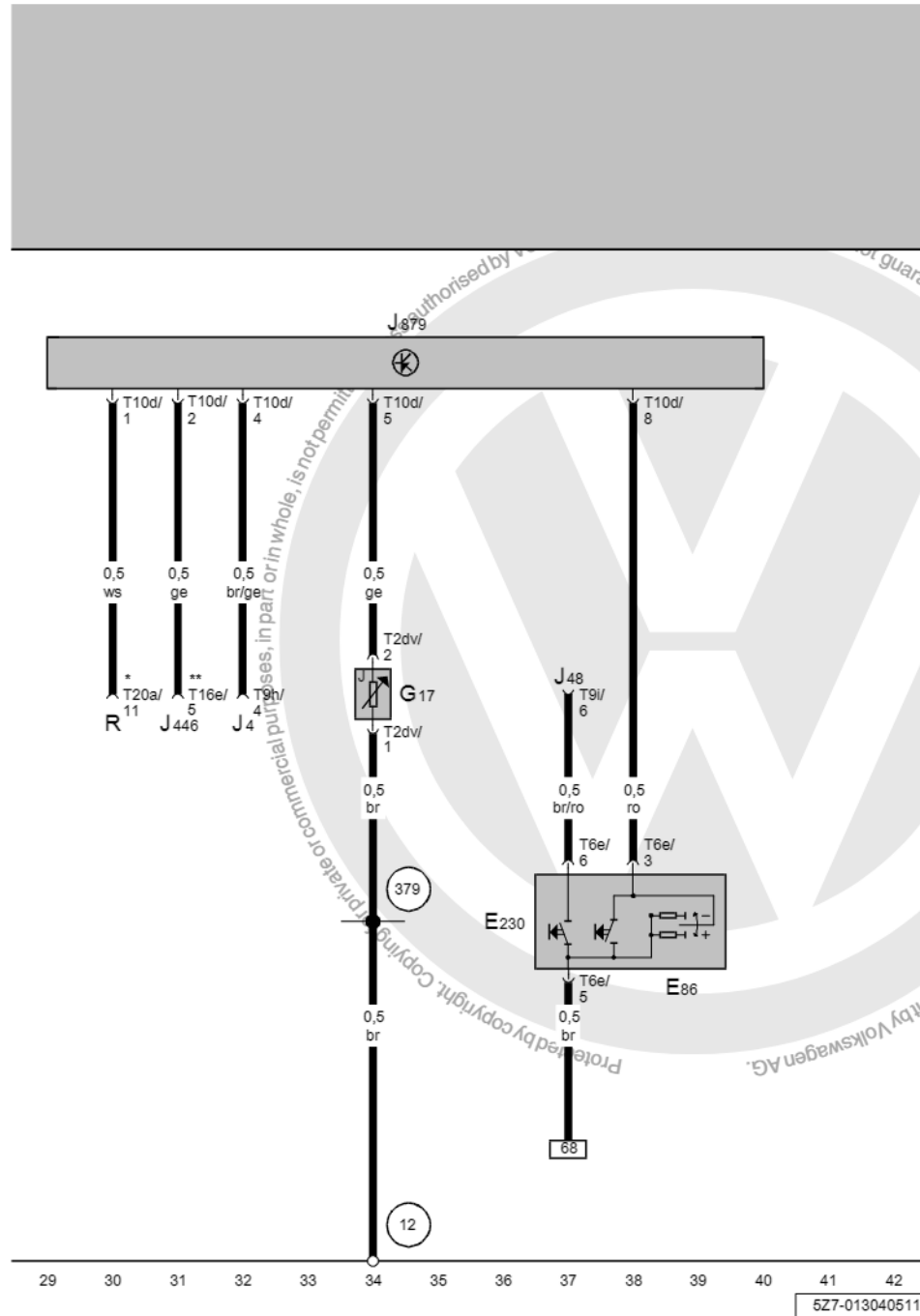


# Ignition switch Xcontact relief relay

- D Ignition switch
- J59 Xcontact relief relay
- SB48 Fuse 48 on fuse holder B
- SC2 Fuse 2 on fuse holder C
- T3c Fitting connector 6pin in Xcontact relief relay
- T6d Fitting connector 6pin in Xcontact relief relay
- T8a Fitting connector 8pin on ignition switch
- U5 12volt socket

- 366 Earth connection 1 in main harness
- 606 Earth point under the centre console near the selection lever
- B272 Positive connection 30 on main harness
- B275 Positive connection 87 on main harness
- B298 Positive connection 2 30 on main harness
- B300 Positive connection 4 30 on main harness
- B346 Connection 1 75 on main harness

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- bl = blue
- gr = grey
- ll = purple
- ge = yellow
- or = orange
- rs = pink



Multifunction display callup button  
Heater rear window switch  
External temperature sensor  
Control unit for interactive system

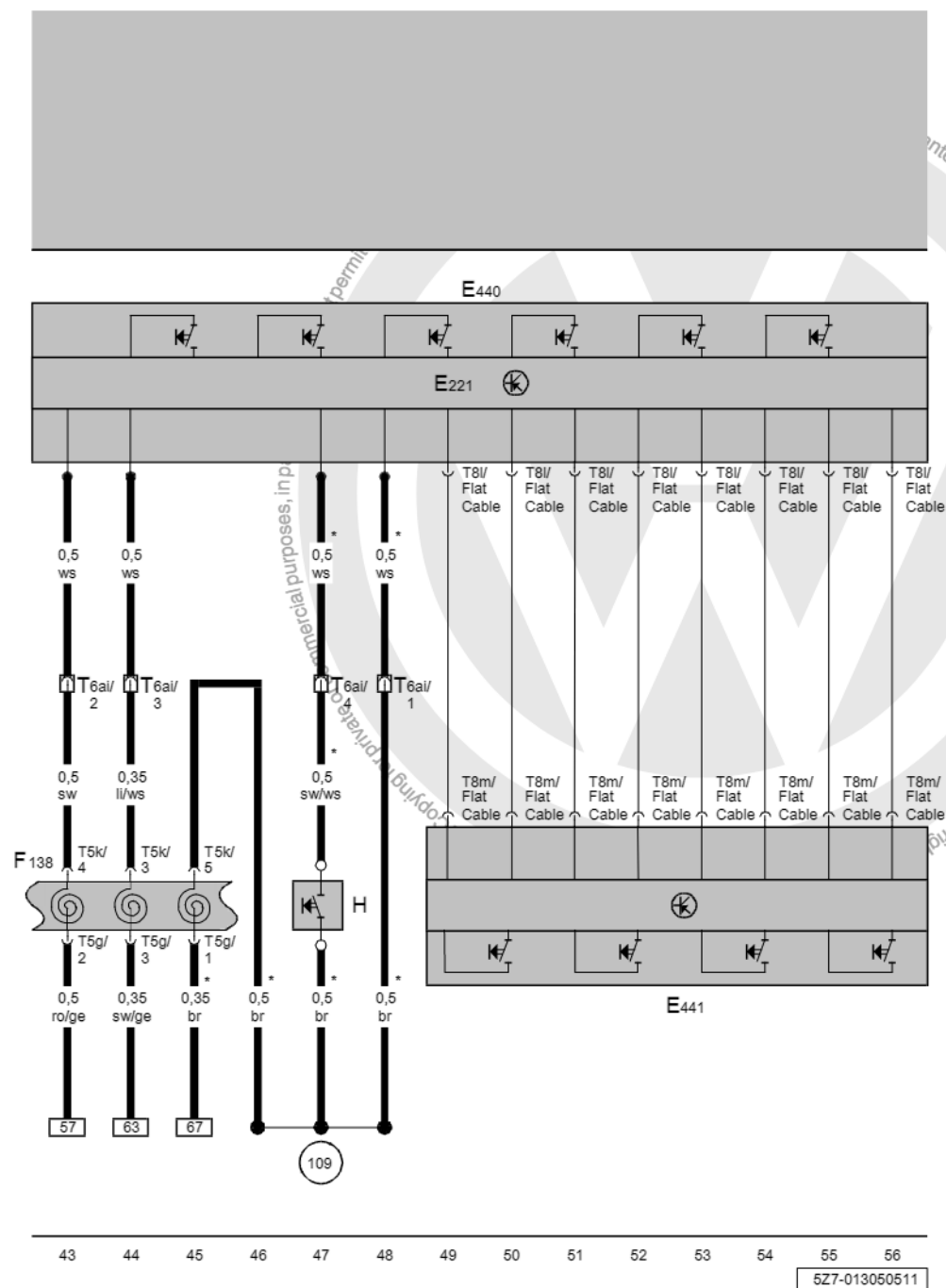
- E86 Multifunction display callup button
- E230 Heater rear window switch
- G17 Ambient temperature sensor
- J4 Dual tone horn relay
- J48 Heater rear window control relay
- J446 Control unit for parking aid
- J879 Control unit for interactive system
- R Radio
- T2dv Fitting connector 2pin on external temperature sensor
- T6e Fitting connector 6pin on heated rear window switch
- T9h Fitting connector 9pin in dual tone horn relay
- T9i Fitting connector 9pin on heated rear window control relay
- T10d Fitting connector 10 poles on control unit for interactive system
- T16e Fitting connector 16 poles on control unit for parking aid
- T20a Fitting connector 20 poles in radio

12 Earth point in engine compartment left

379 Earth connection 14 in main harness

Only for vehicles with buttons on steering wheel for radio command  
From July 2010

ws = white  
sw = black  
ro = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
ge = yellow  
or = orange  
rs = pink



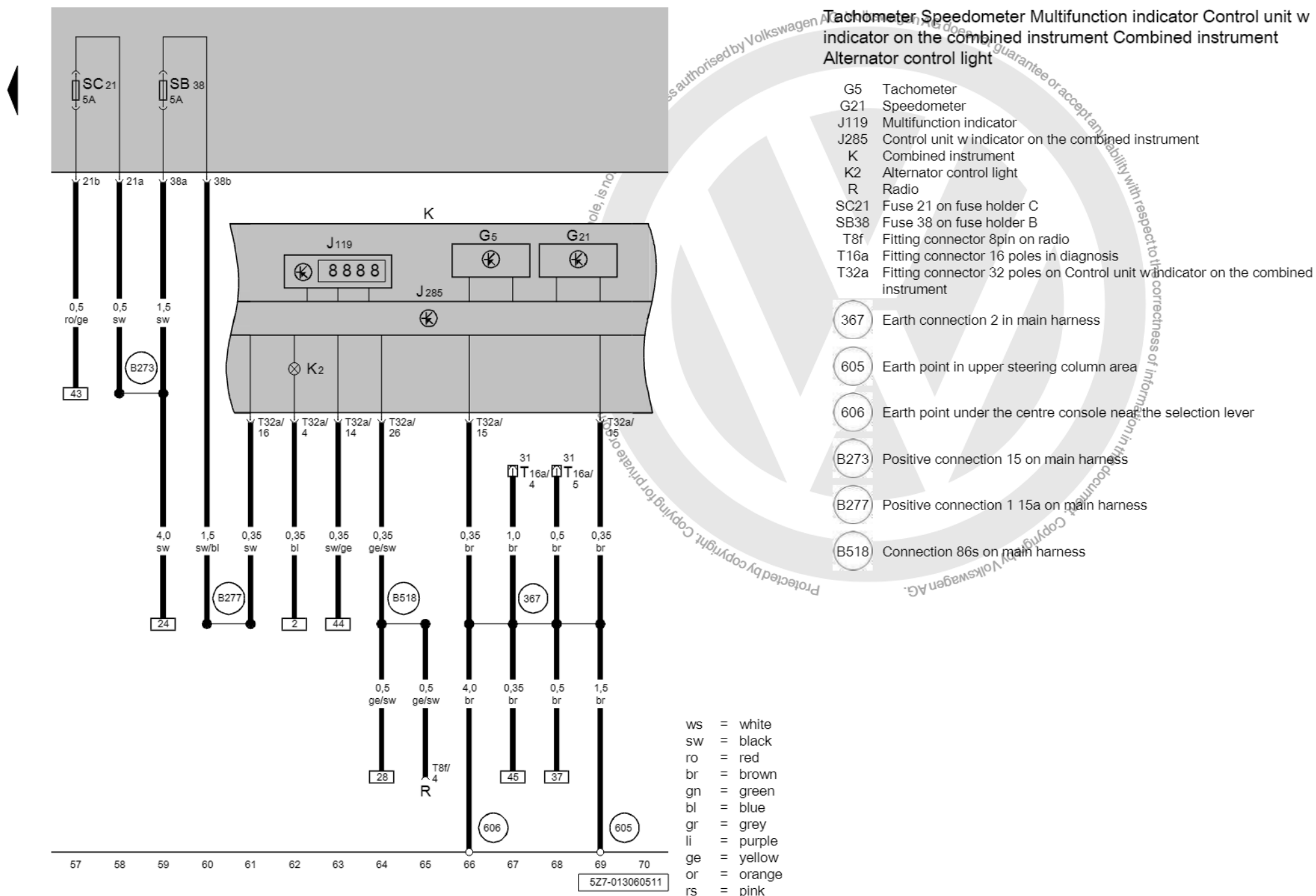
Control unit on the steering wheel Multifunction controls on the left side of the steering wheel Multifunction controls on the right side of the steering wheel Airbag coil connector and return ring with slip ring Horn activator

- E221 Control unit on the steering wheel
- E440 Multifunction controls on the left side of the steering wheel
- E441 Multifunction controls on the right side of the steering wheel
- F138 Airbag coil connector and return ring with slip ring
- H Horn activator
- T5g Fitting connector 5pin on airbag coil connector and return ring with slip ring
- T5k Fitting connector 5pin on airbag coil connector and return ring with slip ring
- T6ai Fitting connector 6pin in steering wheel
- T8l Fitting connector 8pin on multifunction controls on the left side of the steering wheel
- T8m Fitting connector 8pin on multifunction controls on the right side of the steering wheel

109 Earth connection in the airbag wiring harness

Only for vehicles with buttons on steering wheel for radio command

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bl = blue  
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rs = pink



## Multifunction steering wheel

From March 2010

### Notes

For information about

◆ Location of relay and fuse

◆ Connectors

◆ Control units

◆ Earth points

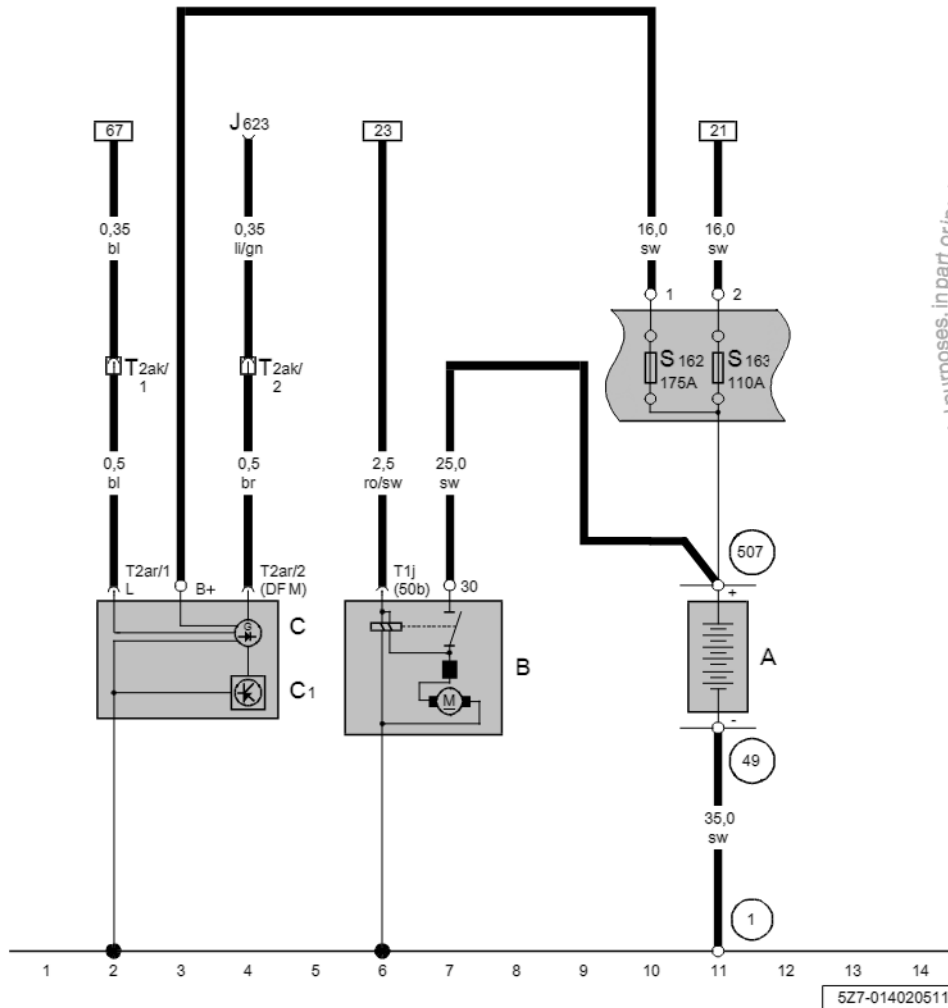
⇒ See fitting locations

For information about

◆ Assisted fault pinpointing

⇒ See Guided functions



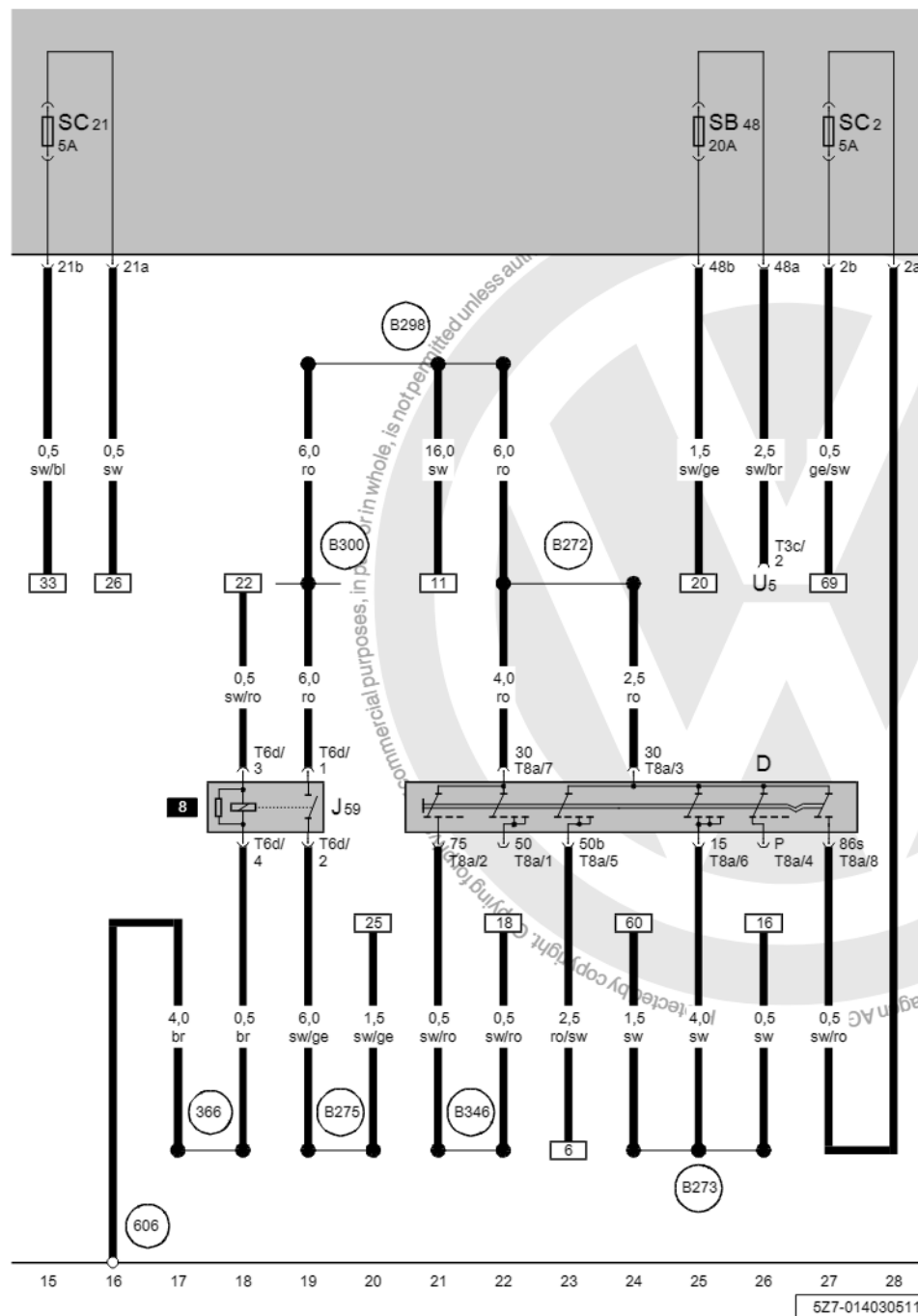


Battery Starter Generator Alternator Voltage regulator

- A Battery
- B Starter
- C Generator Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 30 in battery fuse holder
- S163 Fuse 2 30 in battery fuse holder
- T1j Fitting connector single on starter
- T2ak Fitting connector 2pin on engine compartment
- T2ar Fitting connector 2pin on generator alternator

- 1 Earth strap battery body
- 49 Earth point near the battery
- 507 Screw connection 30 battery fuse holder

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- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink



# Ignition switch Xcontact relief relay

- D Ignition switch
- J59 Xcontact relief relay
- SB48 Fuse 48 on fuse holder B
- SC2 Fuse 2 on fuse holder C
- SC21 Fuse 21 on fuse holder C
- T3c Fitting connector 3pin on 12volt socket
- T6d Fitting connector 6pin in Xcontact relief relay
- T8a Fitting connector 8pin on ignition switch
- U5 12volt socket

- 366 Earth connection 1 in main harness
- 606 Earth point under the centre console near the selection lever
- B272 Positive connection 30 on main harness
- B273 Positive connection 15 on main harness
- B275 Positive connection 87 on main harness
- B298 Positive connection 2 30 on main harness
- B300 Positive connection 4 30 on main harness
- B346 Connection 1 75 on main harness

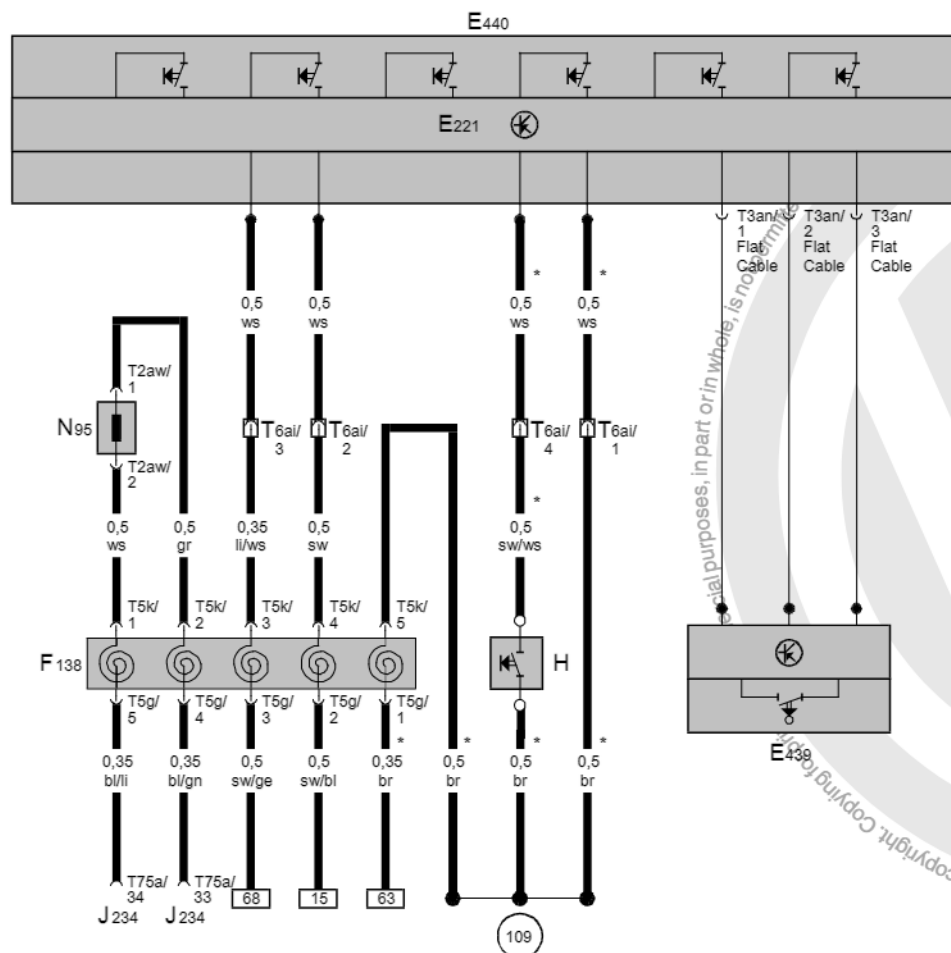
- ws = white
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- bl = blue
- gr = grey
- li = purple
- ge = yellow
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- rs = pink



Control unit on the steering wheel 'Tiptronic' downshift switch on the steering wheel Multifunction controls on the left side of the steering wheel Airbag coil connector and return ring with slip ring Horn actuator Ignition device for the driver's airbag

- E221 Control unit on the steering wheel
- E439 'Tiptronic' downshift switch on the steering wheel
- E440 Multifunction controls on the left side of the steering wheel
- F138 Airbag coil connector and return ring with slip ring
- H Horn activator
- J234 Airbag control unit
- N95 Ignition device for the driver's airbag
- T2aw Fitting connector 3pin on ignition device for the driver's airbag
- T3an Fitting connector 3pin on multifunction controls on the left side of the steering wheel
- T5g Fitting connector 5pin on airbag coil connector and return ring with slip ring
- T5k Fitting connector 5pin on airbag coil connector and return ring with slip ring
- T6ai Fitting connector 6pin in steering wheel
- T75a Fitting connector 75 poles on airbag control unit
- 109 Earth connection in the airbag wiring harness

Only for vehicles with buttons on steering wheel for radio command

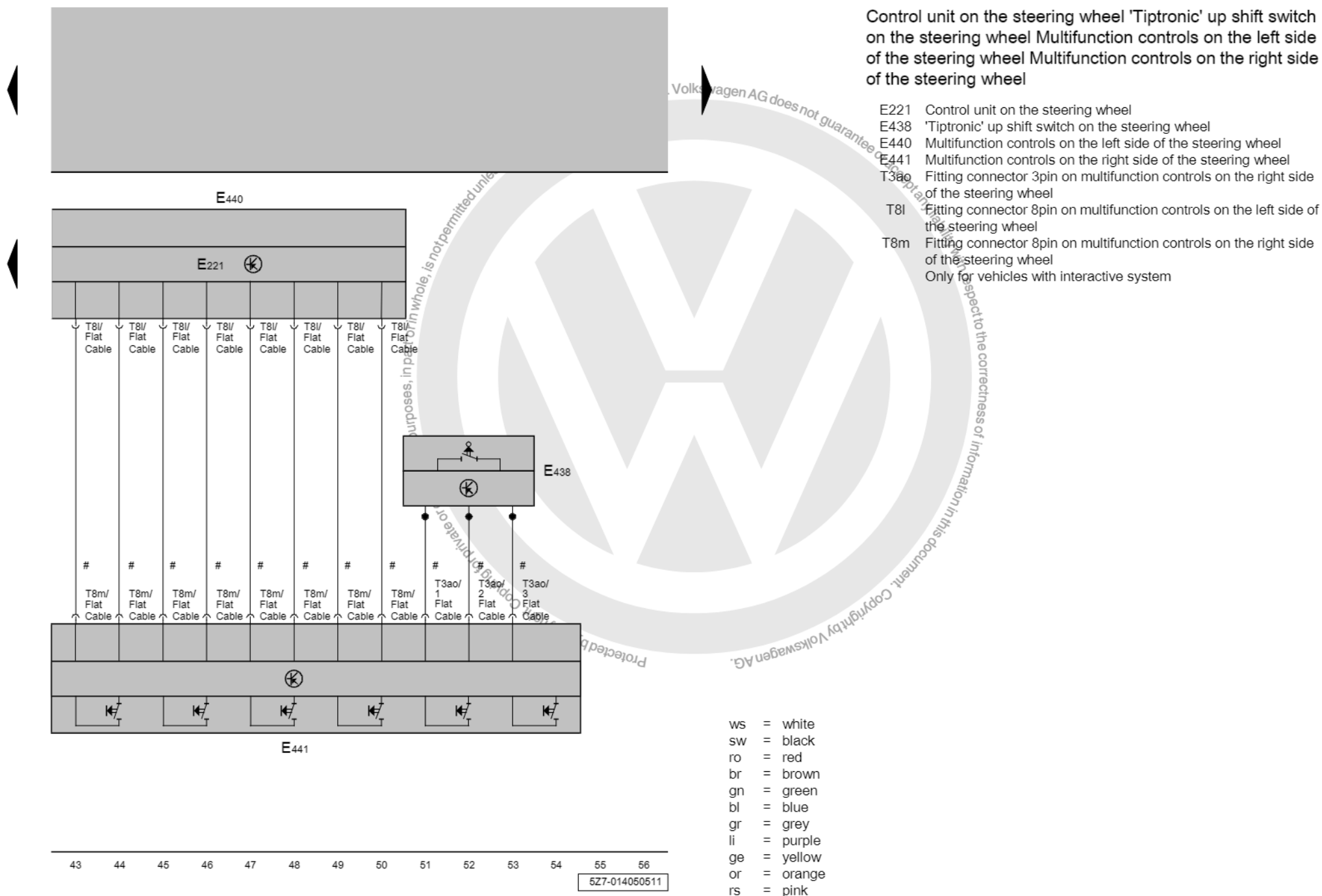


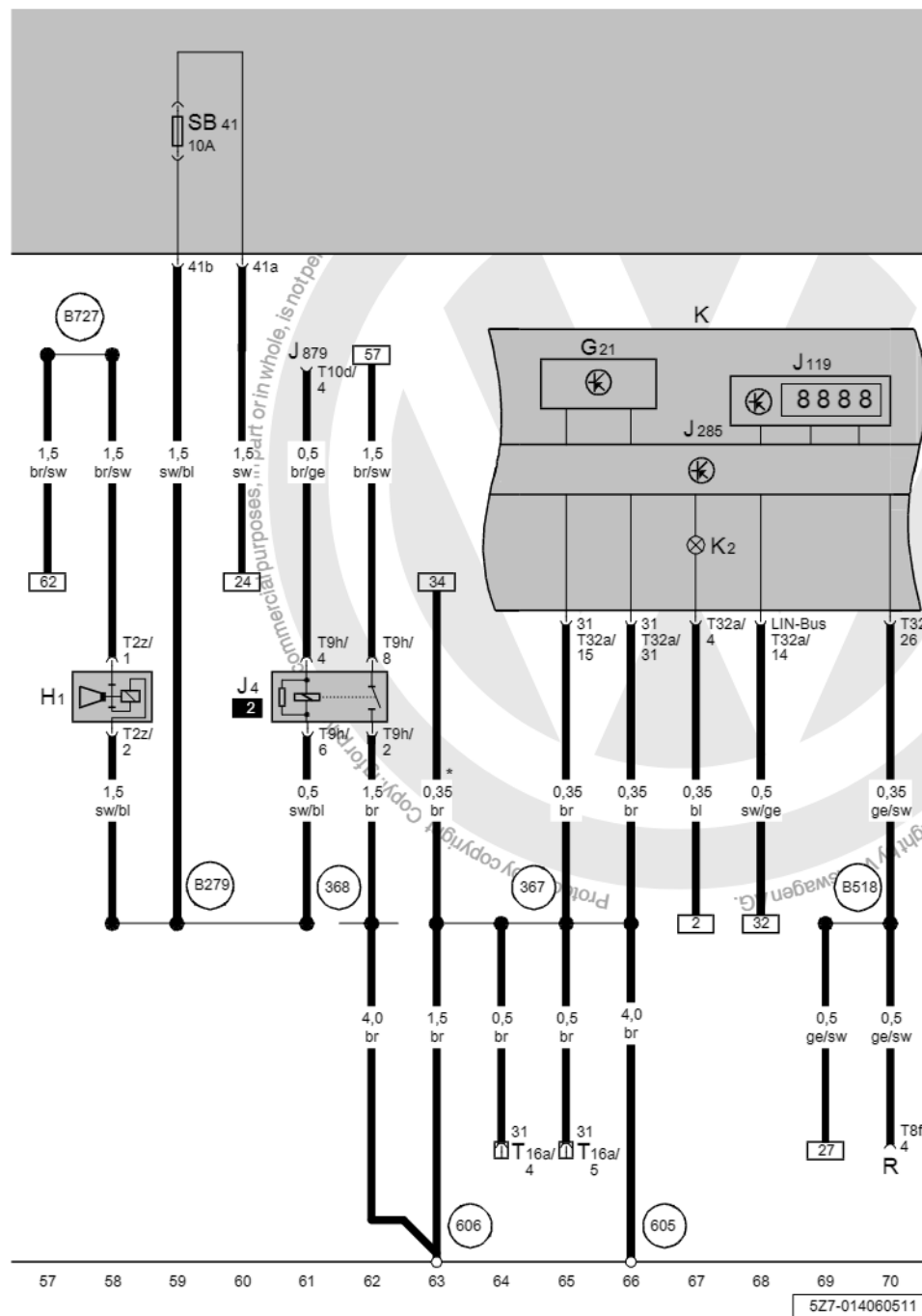
- ws = white
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- gn = green
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- rs = pink

29 30 31 32 33 34 35 36 37 38 39 40 41 42

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Tachometer  
Horn and dual tone horn  
Dual tone horn relay  
Multifunction indicator  
Control unit w indicator on the combined instrument  
Combined instrument  
Alternator control light

- G21 Speedometer
- H1 Horn or dual tone horn
- J4 Dual tone horn relay
- J119 Multifunction indicator
- J285 Control unit w indicator on the combined instrument
- J879 Control unit for interactive system
- K Combined instrument
- K2 Alternator control light
- R Radio
- SB41 Fuse 41 on fuse holder B
- T2z Fitting connector 2pin in horn or dual tone horn
- T8f Fitting connector 8pin on radio
- T9h Fitting connector 9pin in dual tone horn relay
- T10d Fitting connector 10 poles on control unit for interactive system
- T16a Fitting connector 16 poles in diagnosis
- T32a Fitting connector 32 poles on Control unit w indicator on the combined instrument

- 367 Earth connection 2 in main harness
- 368 Earth connection 3 in main harness
- 605 Earth point in upper steering column area
- 606 Earth point under the centre console near the selection lever
- B279 Positive connection 3 15a on main harness
- B518 Connection 86s on main harness
- B727 Connection 71a on main harness

Only for vehicles with buttons on steering wheel for radio command

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- bl = blue
- gr = grey
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- ge = yellow
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- rs = pink

## Parking aid sensor PDC

From March 2010

### Notes

For information about

- ◆ Location of relay and fuse

- ◆ Connectors

- ◆ Control units

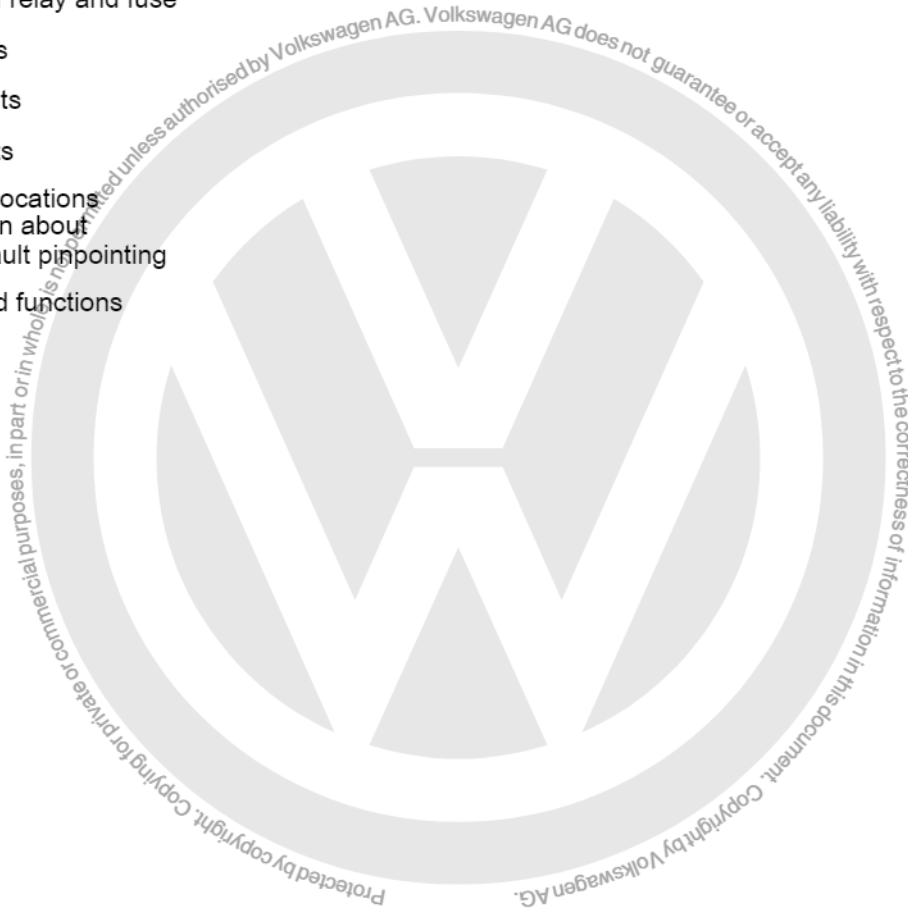
- ◆ Earth points

⇒ See fitting locations

For information about

- ◆ Assisted fault pinpointing

⇒ See Guided functions

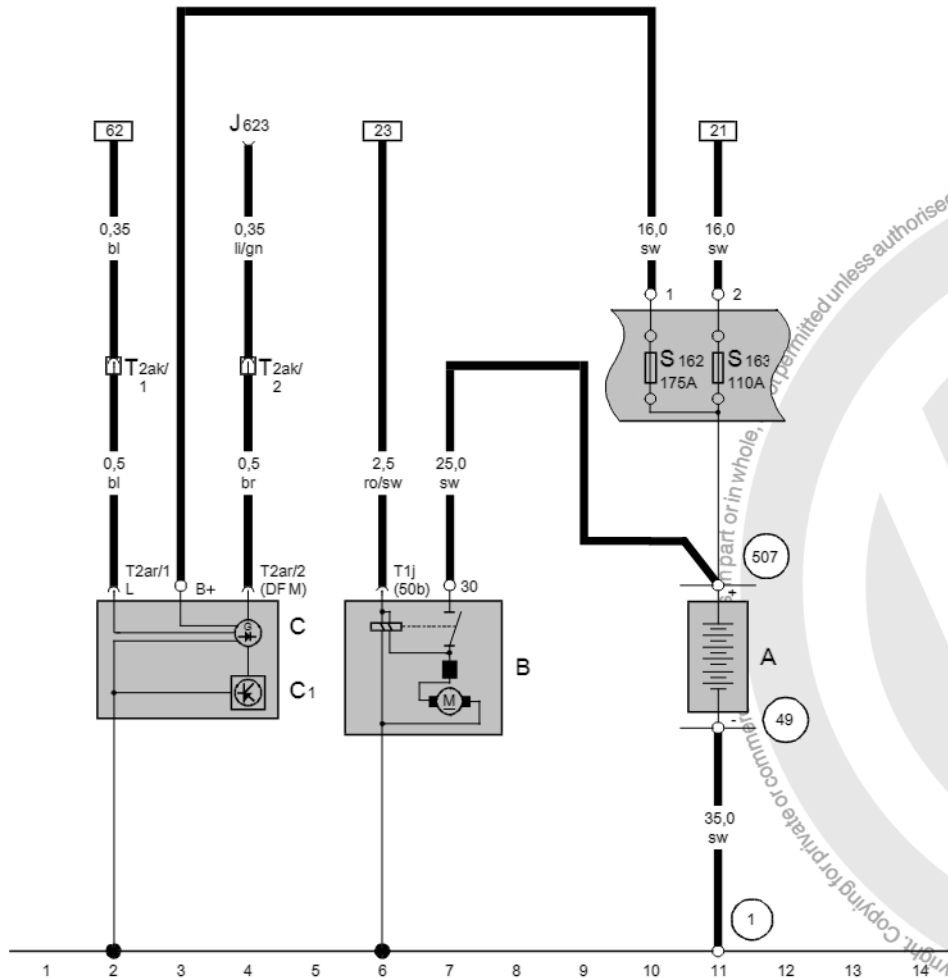




Battery Starter Generator Alternator Voltage regulator

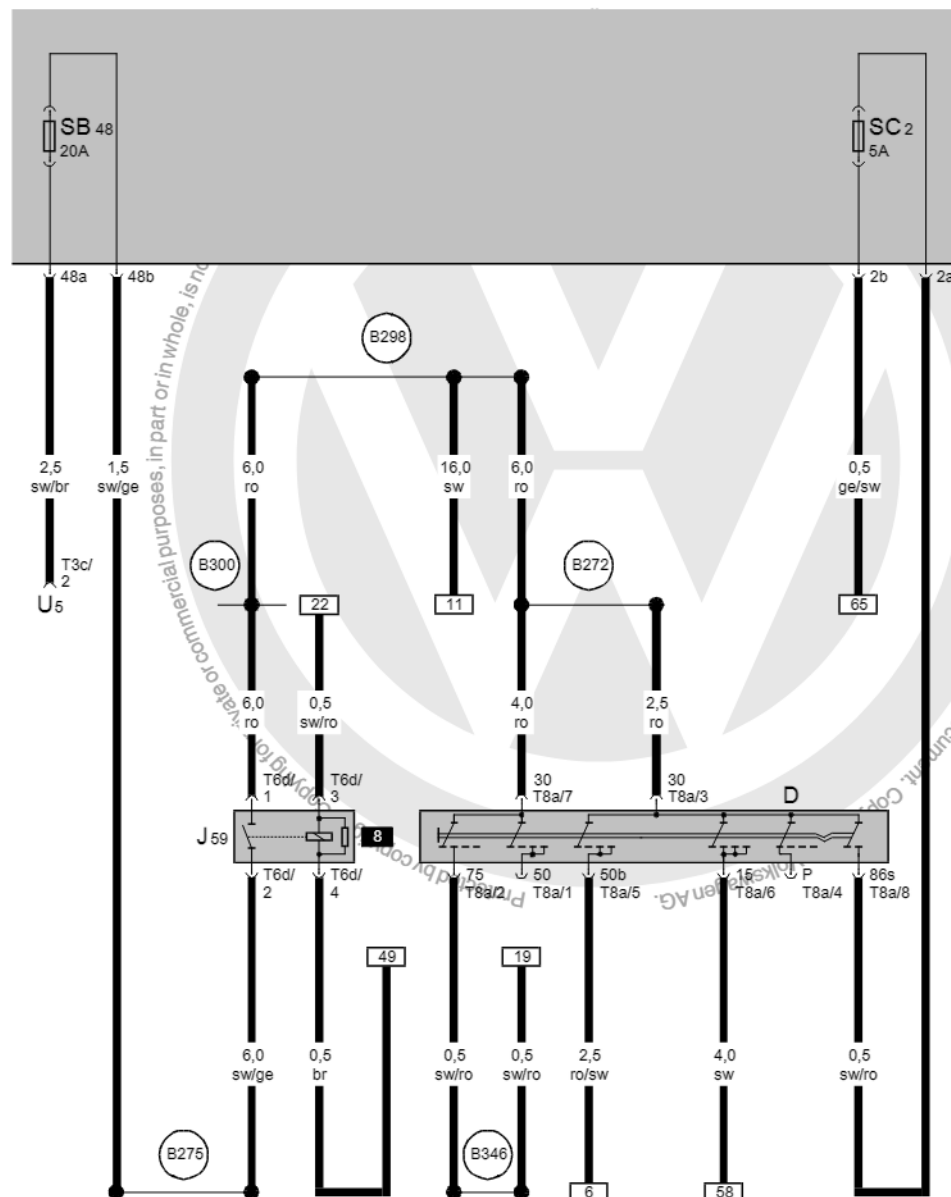
- A Battery
- B Starter
- C Generator Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 30 in battery fuse holder
- S163 Fuse 2 30 in battery fuse holder
- T1j Fitting connector single on starter
- T2ak Fitting connector 2pin on engine compartment
- T2ar Fitting connector 2pin on generator alternator

- 1 Earth strap battery body
- 49 Earth point near the battery
- 507 Screw connection 30 battery fuse holder



- ws = white
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- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- pink = pink

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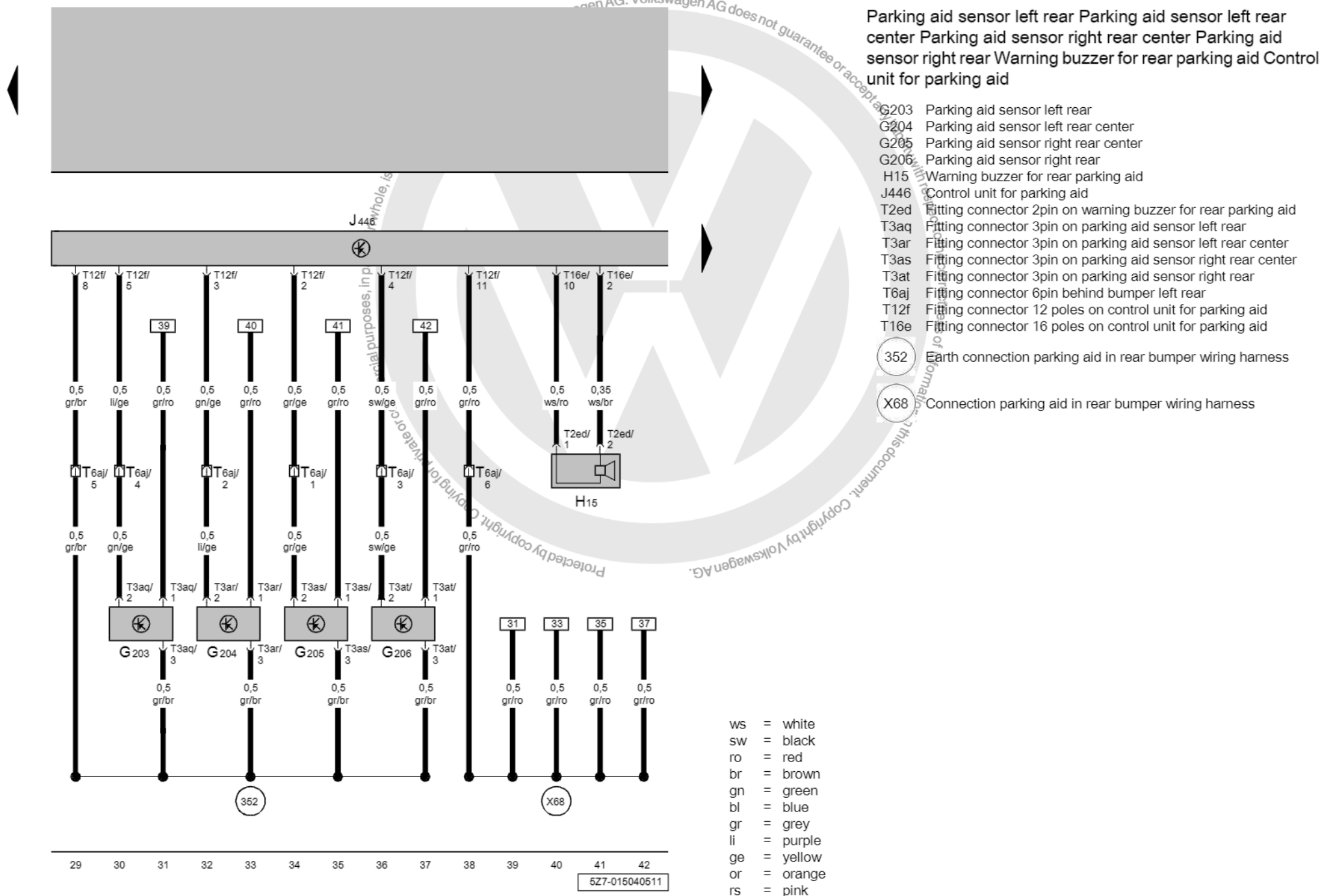


# Ignition switch Xcontact relief relay

- D Ignition switch
- J59 Xcontact relief relay
- SB48 Fuse 48 on fuse holder B
- SC2 Fuse 2 on fuse holder C
- T3c Fitting connector 3pin on 12volt socket
- T6d Fitting connector 6pin in Xcontact relief relay
- T8a Fitting connector 8pin on ignition switch
- U5 12volt socket

- B272 Positive connection 30 on main harness
- B275 Positive connection 87 on main harness
- B298 Positive connection 2 30 on main harness
- B300 Positive connection 4 30 on main harness
- B346 Connection 1 75 on main harness

- ws = white
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- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink



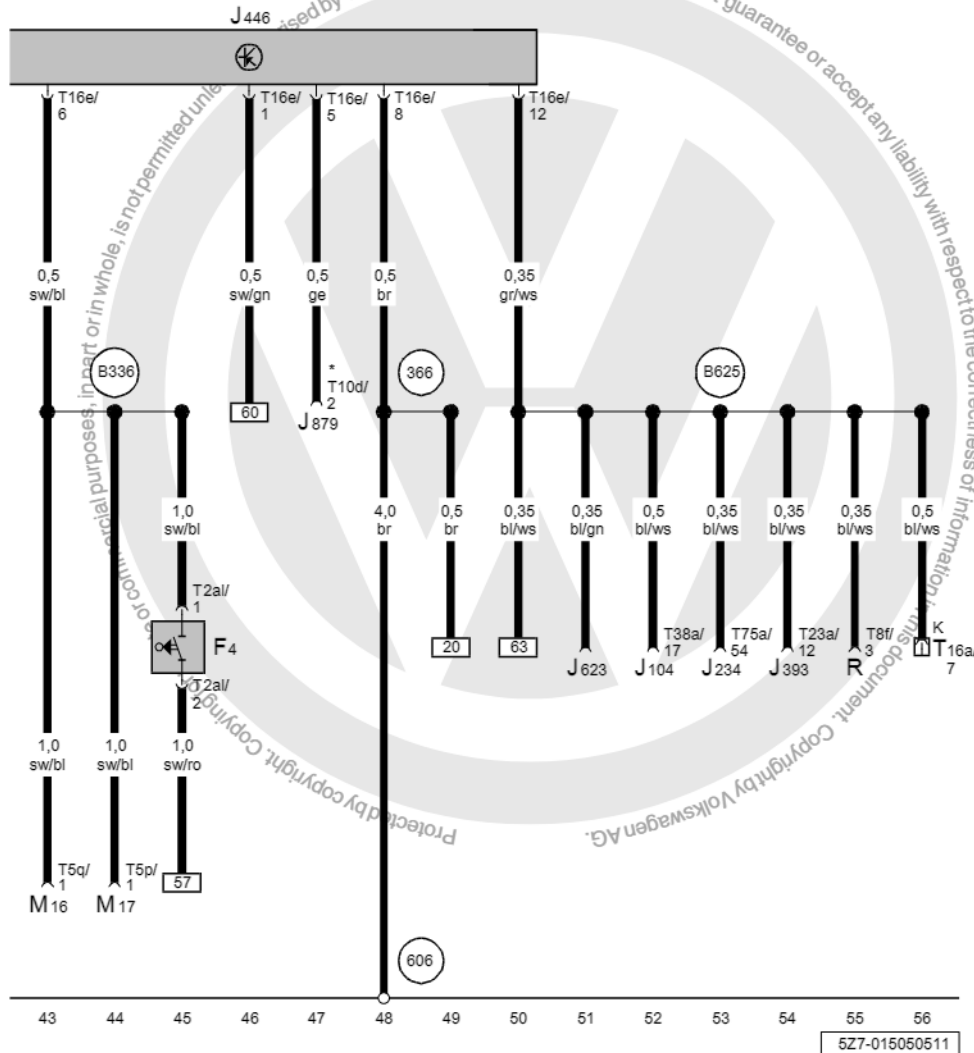
Reversing light switch Control unit for parking aid

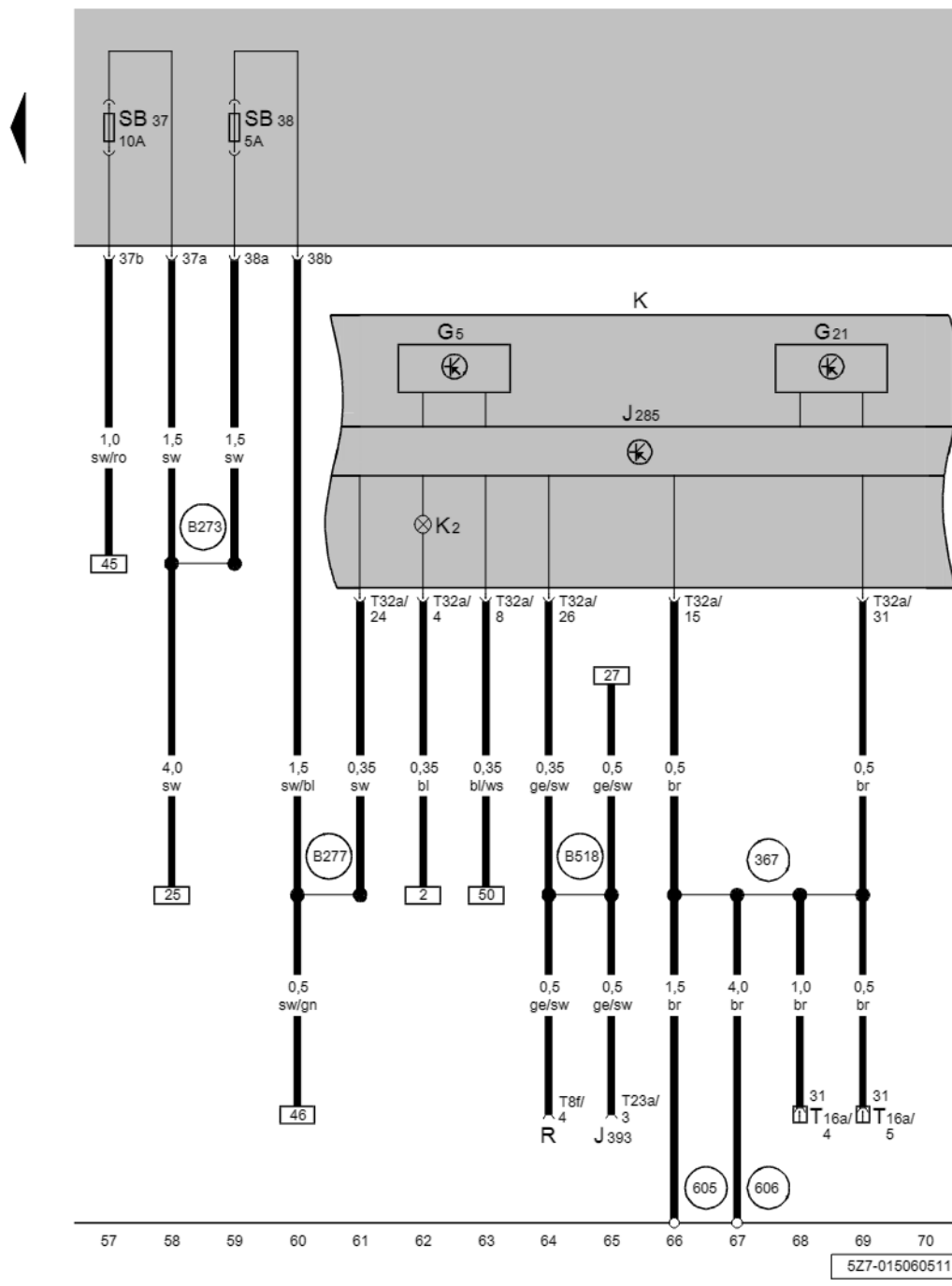
- F4 Reversing light switch
- J104 ABS control unit
- J234 Airbag control unit
- J393 Central control unit for the convenience system
- J446 Control unit for parking aid
- J623 Engine control unit
- J879 Control unit for interactive system
- M16 Left reversing light lamp
- R Radio
- T2a/ Fitting connector 2pin on reversing light switch
- T5p Fitting connector 5pin for Right tail light
- T5q Fitting connector 5pin for left tail light
- T8f Fitting connector 8pin on radio
- T10d Fitting connector 10 poles on control unit for interactive system
- T16a Fitting connector 16 poles in diagnosis
- T16e Fitting connector 16 poles on control unit for parking aid
- T23a Fitting connector 23 poles on central control unit for the convenience system
- T38a Fitting connector 38 poles on ABS control unit
- T75a Fitting connector 75 poles on airbag control unit

- 366 Earth connection 1 in main harness
- 606 Earth point under the centre console near the selection lever
- B336 Connection 2 54 on main harness
- B625 Connection diagnostic cable K on main harness

From July 2010

ws = white  
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gn = green  
bl = blue  
gr = grey  
li = purple  
ge = yellow  
or = orange  
rs = pink





Tachometer Speedometer Control unit w indicator on the combined instrument Combined instrument Alternator control light

- G5 Tachometer
- G21 Speedometer
- J285 Control unit w indicator on the combined instrument
- J393 Central control unit for the convenience system
- K Combined instrument
- K2 Alternator control light
- R Radio
- SB37 Fuse 37 on fuse holder B
- SB38 Fuse 38 on fuse holder B
- T8f Fitting connector 8pin on radio
- T16a Fitting connector 16 poles in diagnosis
- T23a Fitting connector 23 poles on central control unit for the convenience system
- T32a Fitting connector 32 poles on Control unit w indicator on the combined instrument

- 367 Earth connection 2 in main harness
- 605 Earth point in upper steering column area
- 606 Earth point under the centre console near the selection lever
- B273 Positive connection 15 on main harness
- B277 Positive connection 1 15a on main harness
- B518 Connection 86s on main harness

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## Right rearview mirror with reverse memory

From March 2010

### Notes

For information about

◆ Location of relay and fuse

◆ Connectors

◆ Control units

◆ Earth points

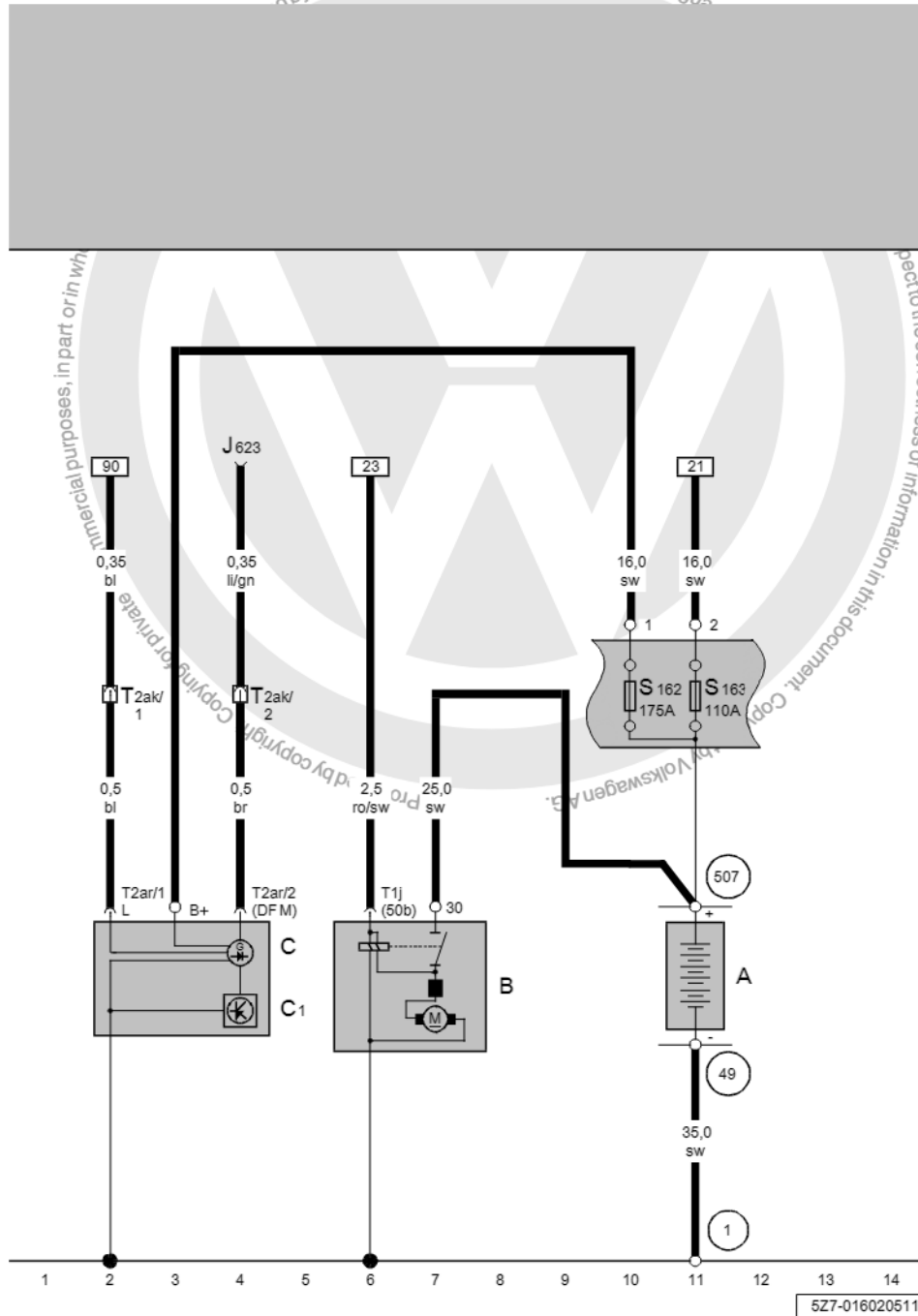
⇒ See fitting locations

For information about

◆ Assisted fault pinpointing

⇒ See Guided functions

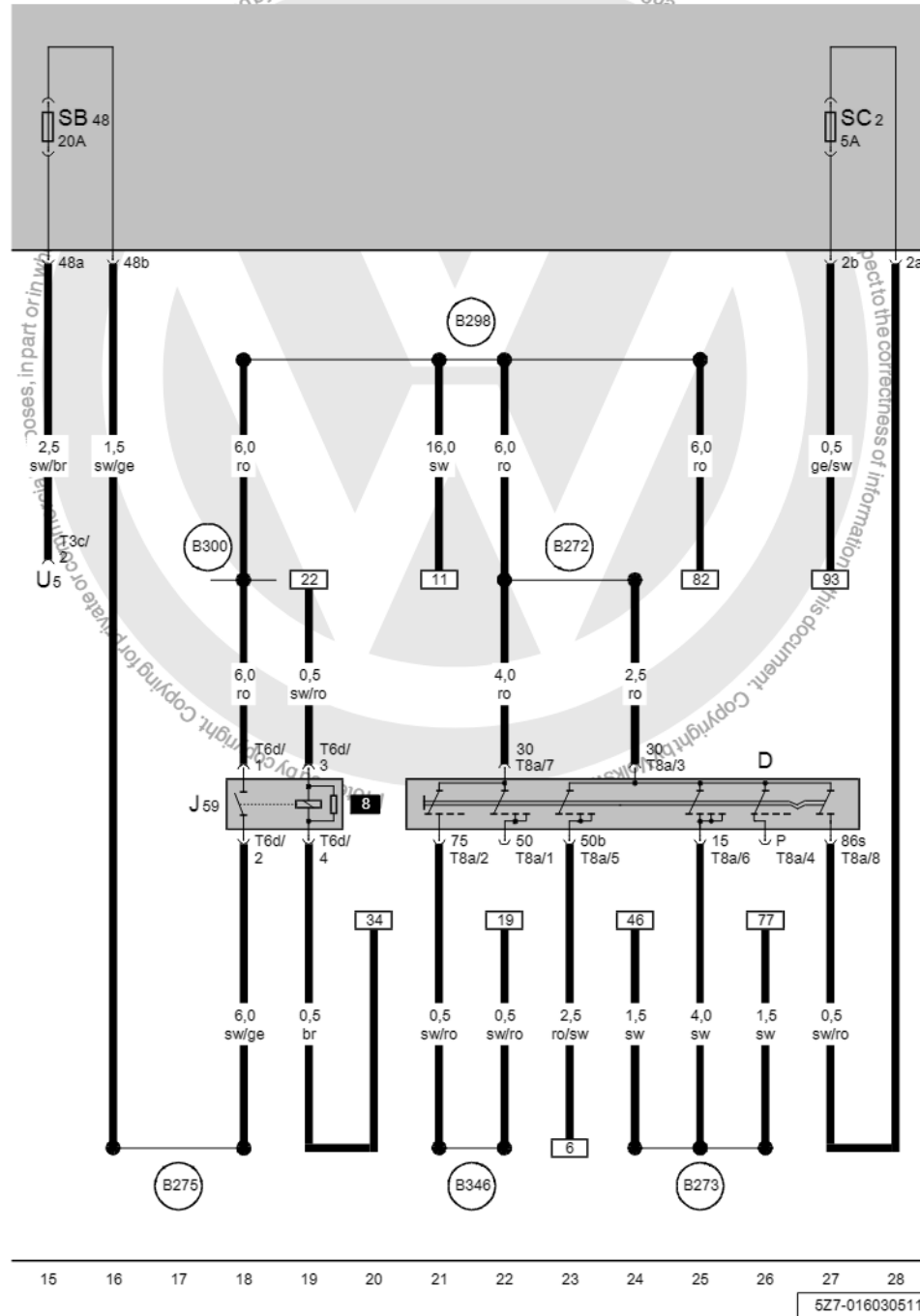




Battery Starter Generator Alternator Voltage regulator

- A Battery
- B Starter
- C Generator Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 30 in battery fuse holder
- S163 Fuse 2 30 in battery fuse holder
- T1j Fitting connector single on starter
- T2ak Fitting connector 2pin on engine compartment
- T2ar Fitting connector 2pin on generator alternator

- 1 Earth strap battery body
- 49 Earth point near the battery
- 507 Screw connection 30 battery fuse holder



### Ignition switch Xcontact relief relay

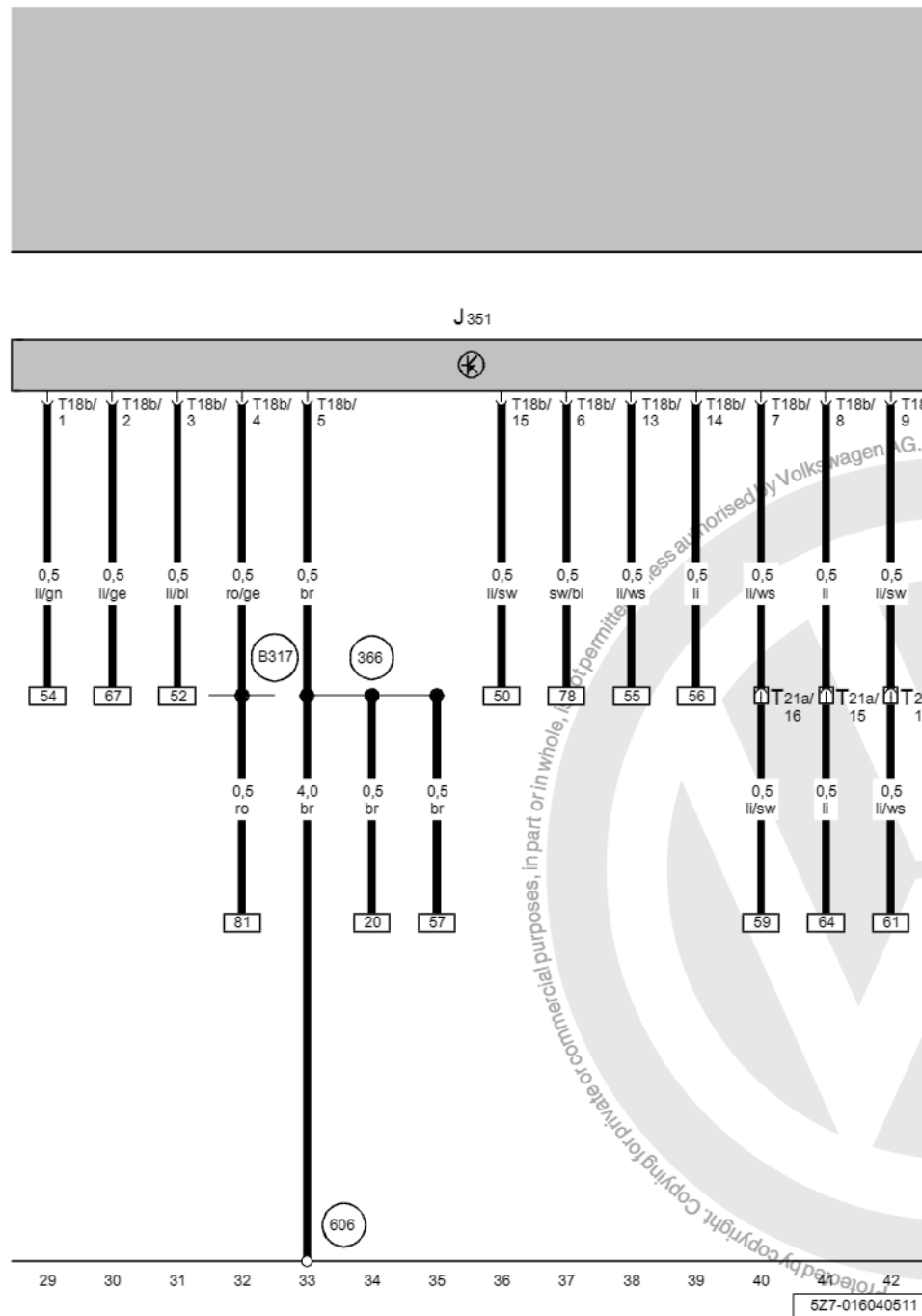
- D Ignition switch
- J59 Xcontact relief relay
- SB48 Fuse 48 on fuse holder B
- SC2 Fuse 2 on fuse holder C
- T3c Fitting connector 3pin on 12volt socket
- T6d Fitting connector 6pin in Xcontact relief relay
- T8a Fitting connector 8pin on ignition switch
- U5 12volt socket

- B272 Positive connection 30 on main harness
- B273 Positive connection 15 on main harness
- B275 Positive connection 87 on main harness
- B298 Positive connection 2 30 on main harness
- B300 Positive connection 4 30 on main harness
- B346 Connection 1 75 on main harness

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- br = brown
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- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

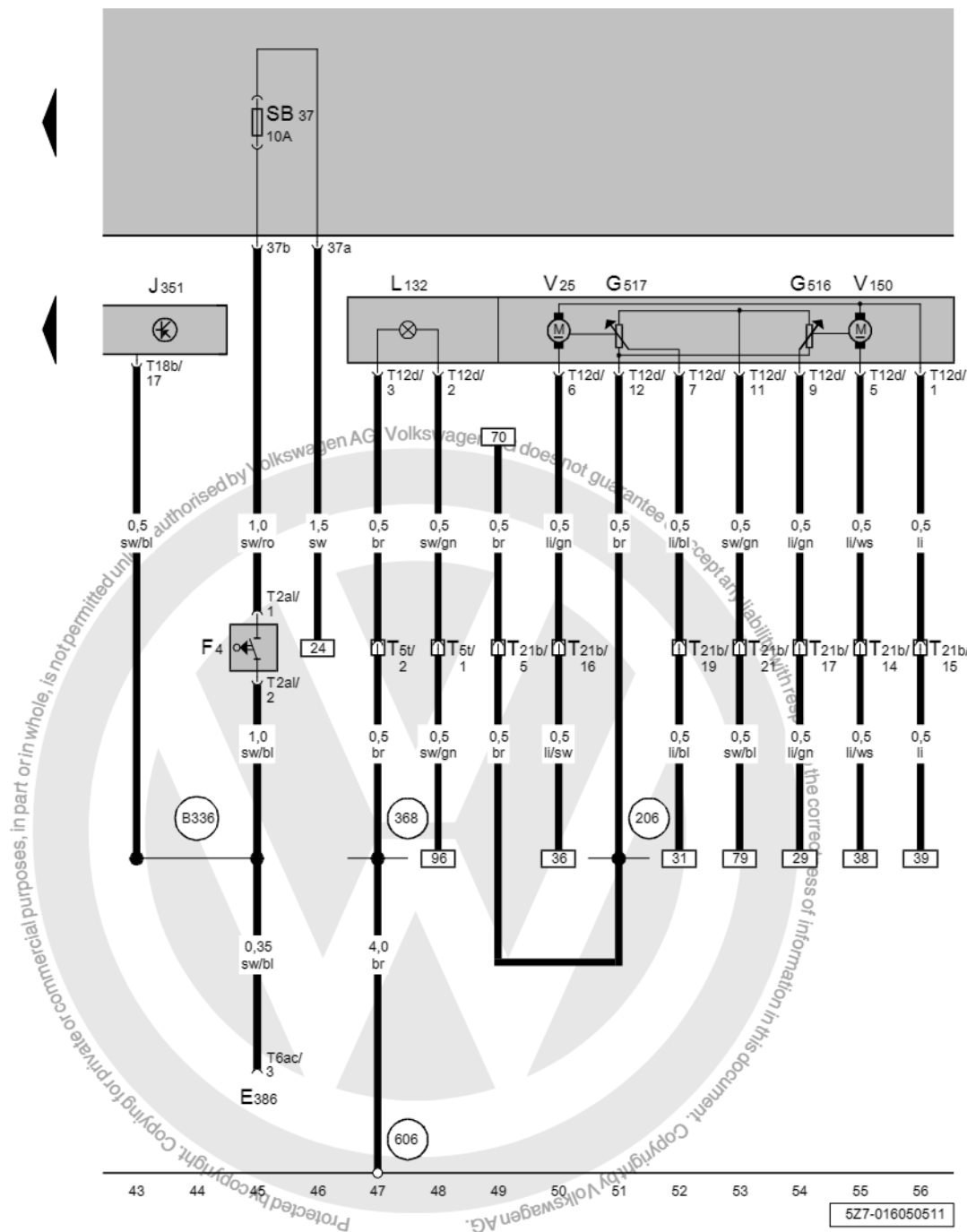
# Folding exterior mirror control unit

- J351 Folding exterior mirror control unit
- T18b Fitting connector 18 poles on Folding exterior mirror control unit
- T21a Fitting connector 21 poles for front left door
- 366 Earth connection 1 in main harness
- 606 Earth point under the centre console near the selection lever
- B317 Positive connection 3 30a on main harness



ws = white  
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 gr = grey  
 li = purple  
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 or = orange  
 rs = pink

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Reversing light switch Potentiometer for horizontal adjustment of front passenger side mirror Potentiometer for vertical adjustment of front passenger side mirror Folding exterior mirror control unit

- E386 Antidazzle interior mirror button
- F4 Reversing light switch
- G516 Potentiometer for horizontal adjustment of front passenger side mirror
- G517 Potentiometer for vertical adjustment of front passenger side mirror
- J351 Folding exterior mirror control unit
- L132 Front passenger side mirror turn signal repeater bulb
- SB37 Fuse 37 on fuse holder B
- T2a Fitting connector 2pin on reversing light switch
- T5t Fitting connector 5pin for front right door
- T6ac Fitting connector 6pin in Antidazzle interior mirror button
- T12d Fitting connector 12 poles in front passenger side mirror adjustment motor
- T18b Fitting connector 18 poles on Folding exterior mirror control unit
- T21b Fitting connector 21 poles for front right door
- V25 Front passenger side mirror adjustment motor
- V150 Front passenger side mirror adjustment motor

- 206 Earth connection in driver door wiring harness
- 368 Earth connection 3 in main harness
- 606 Earth point under the centre console near the selection lever
- B336 Connection 2 54 on main harness

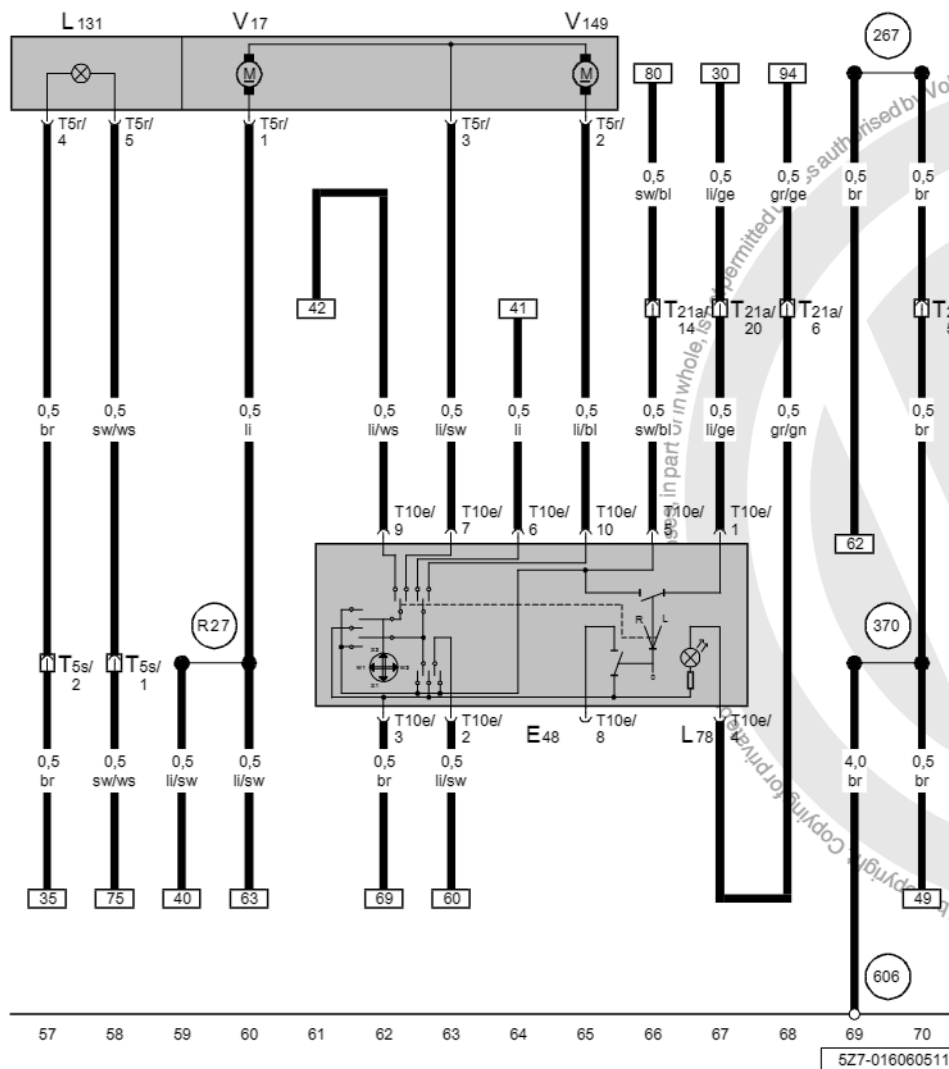
ws = white  
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bl = blue  
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li = purple  
ge = yellow  
or = orange  
rs = pink



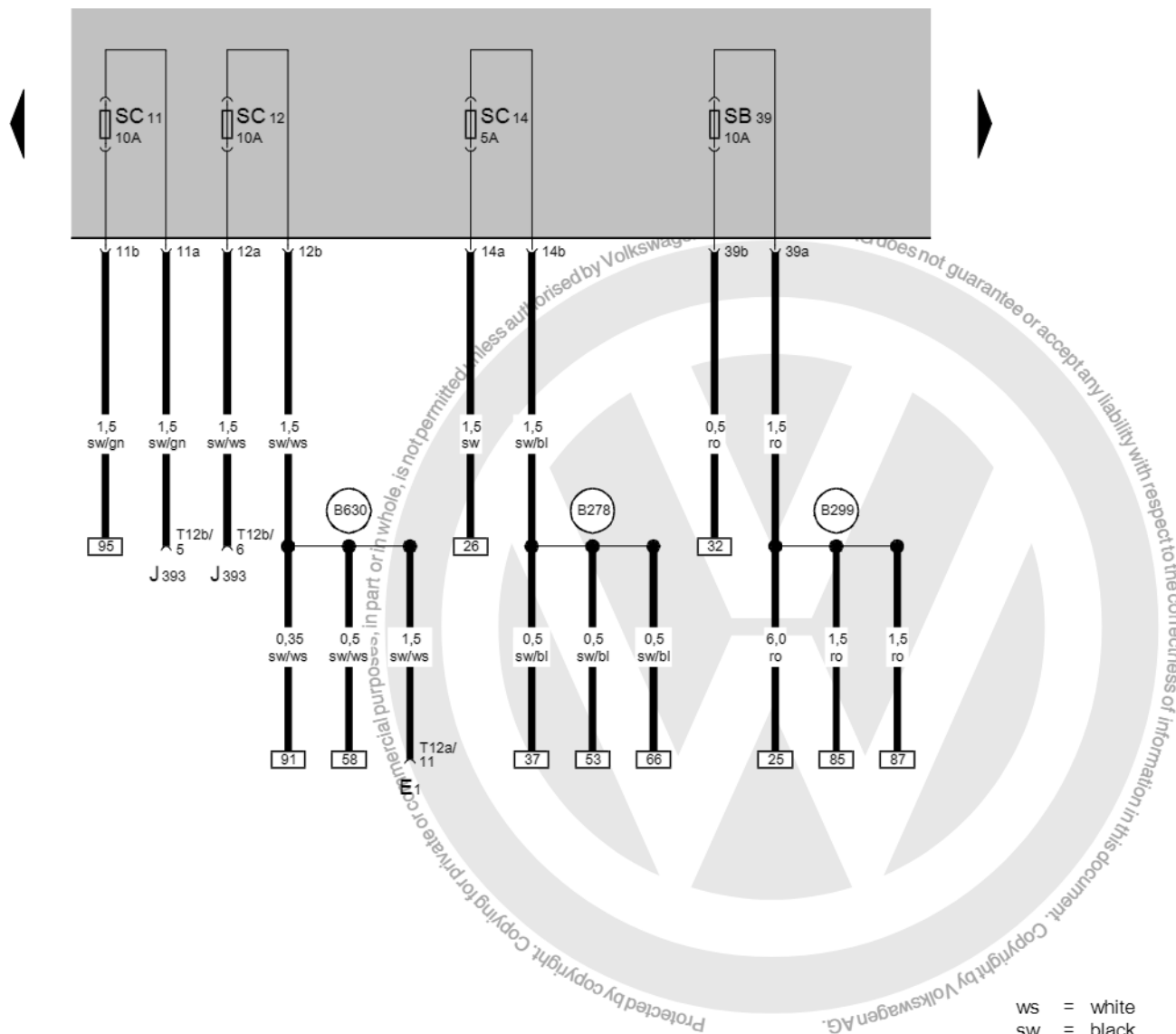
Mirror adjustment changeover switch Driver side external mirror turn signal repeater bulb Driver side mirror adjustment motor Mirror adjustment switch illumination bulb

- E48 Mirror adjustment changeover switch
- L78 Mirror adjustment switch illumination bulb
- L131 Driver side turn signal repeater bulb
- T5r Fitting connector 5pin in Driver side mirror adjustment motor
- T5s Fitting connector 5pin on front left door for mirror adjustment changeover
- T10e Fitting connector 10 poles on rearview mirror adjustment switch
- T21a Fitting connector 21 poles for front left door
- V17 Driver side mirror adjustment motor
- V149 Driver side mirror adjustment motor

- 267 Earth connection 2 in driver door wiring harness
- 370 Earth connection 5 in main harness
- 606 Earth point under the centre console near the selection lever
- R27 Connection rearview mirror adjustment in driver door wiring harness



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- gr = grey
- li = purple
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- or = orange
- rs = pink

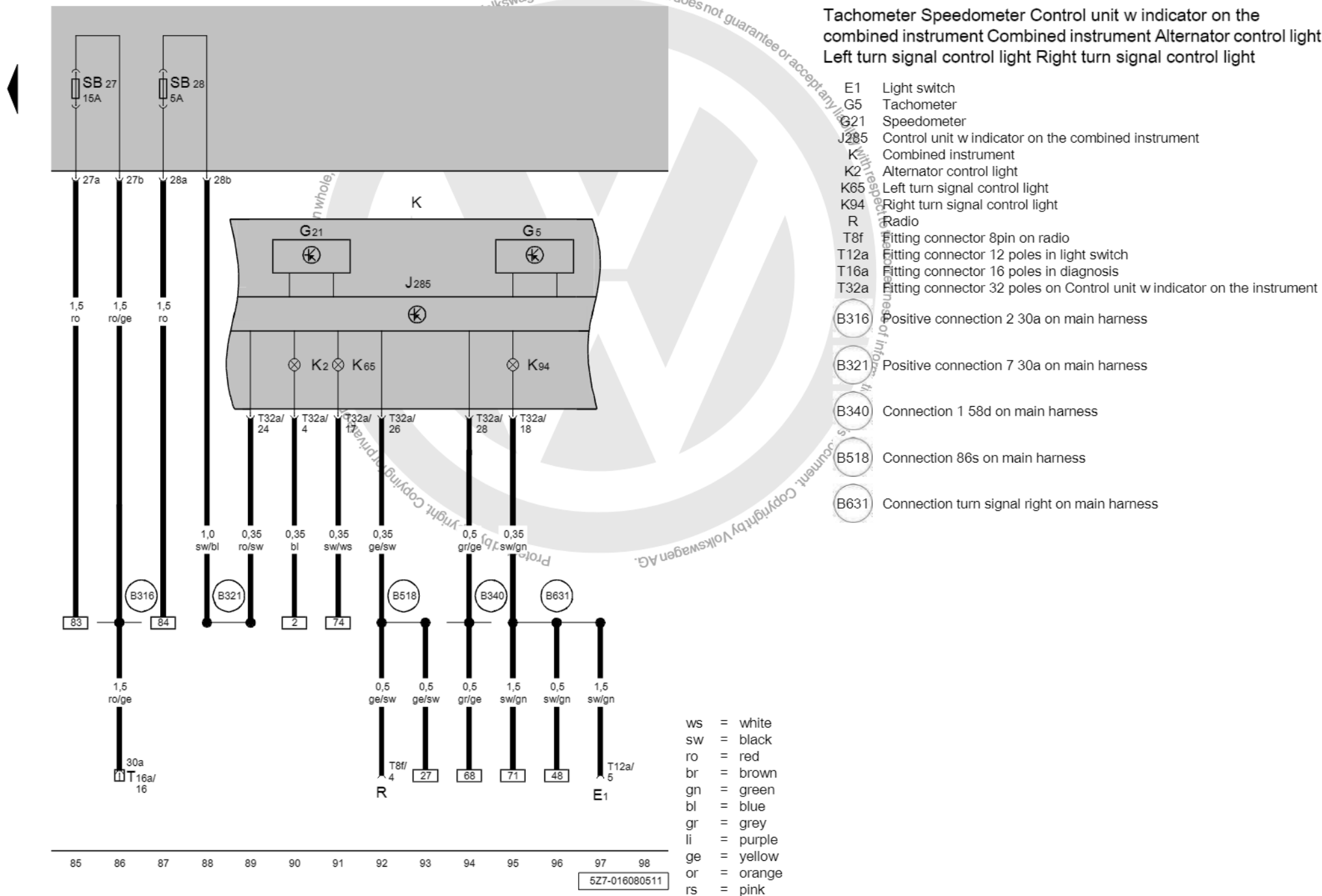


## Fuses

- E1 Light switch
- J393 Central control unit for the convenience system
- SB39 Fuse 39 on fuse holder B
- SC11 Fuse 11 on fuse holder C
- SC12 Fuse 12 on fuse holder C
- SC14 Fuse 14 on fuse holder C
- T12a Fitting connector 12 poles in light switch
- T12b Fitting connector 12 poles on central control unit for the convenience system

- B278 Positive connection 2 15a on main harness
- B299 Positive connection 3 30 on main harness
- B630 Connection turn signal left on main harness

ws = white  
 sw = black  
 ro = red  
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 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 ge = yellow  
 or = orange  
 rs = pink





## Basic equipment

From May 2011

### Notes

For information about

◆ Location of relay and fuse

◆ Connectors

◆ Control units

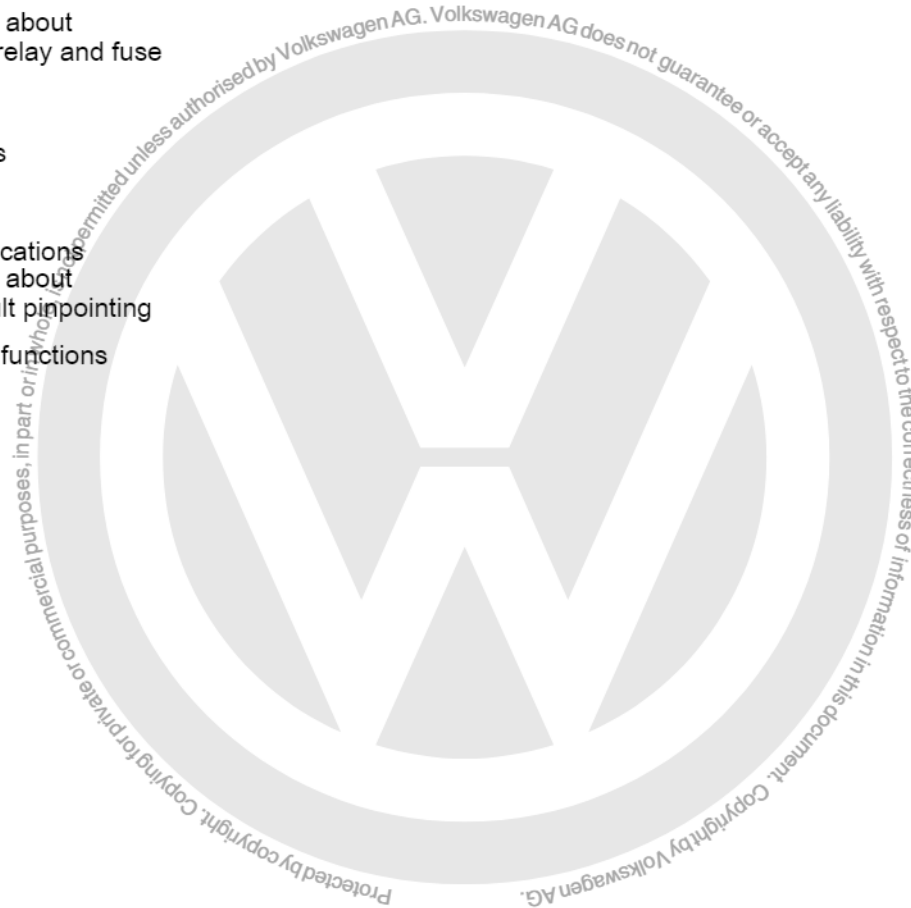
◆ Earth points

⇒ See fitting locations

For information about

◆ Assisted fault pinpointing

⇒ See Guided functions

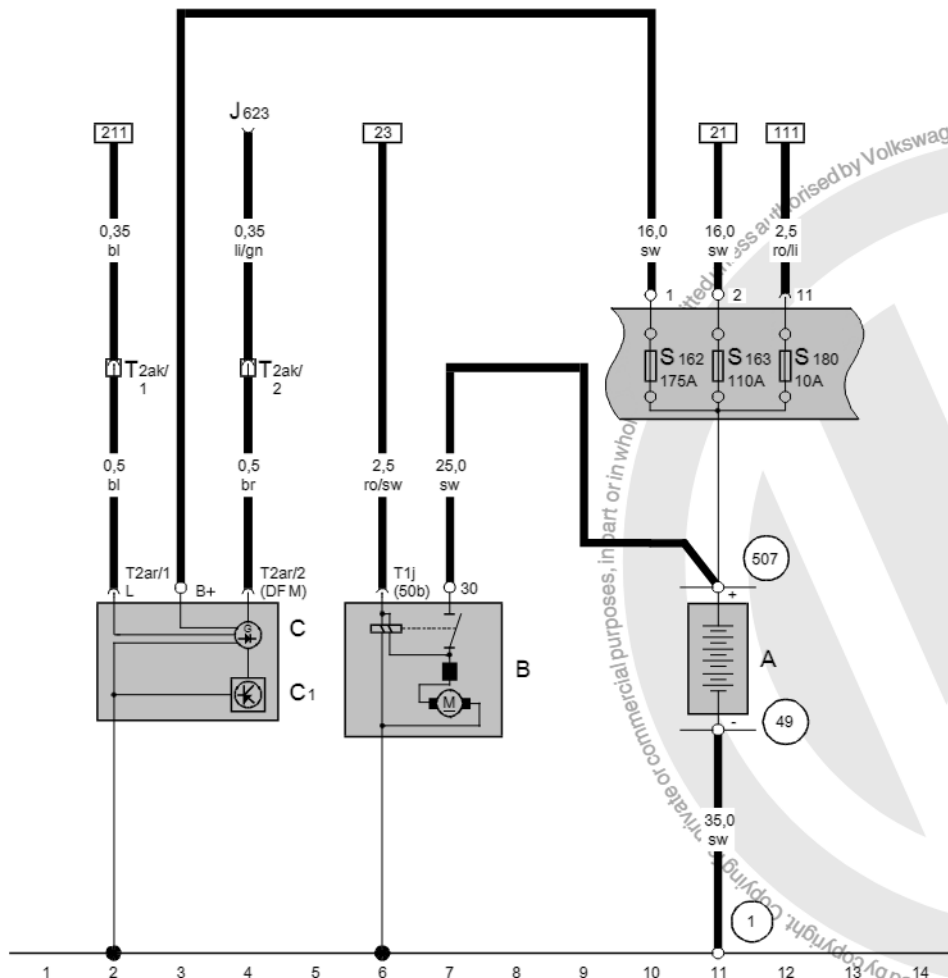




Battery Starter Generator Alternator Voltage regulator

- A Battery
- B Starter
- C Generator Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 30 in battery fuse holder
- S163 Fuse 2 30 in battery fuse holder
- S180 Fuse 8 30 in battery fuse holder
- T1j Fitting connector single on starter
- T2ak Fitting connector 2pin on engine compartment
- T2ar Fitting connector 2pin on generator alternator

- 1 Earth strap battery body
- 49 Earth point near the battery
- 507 Screw connection 30 battery fuse holder



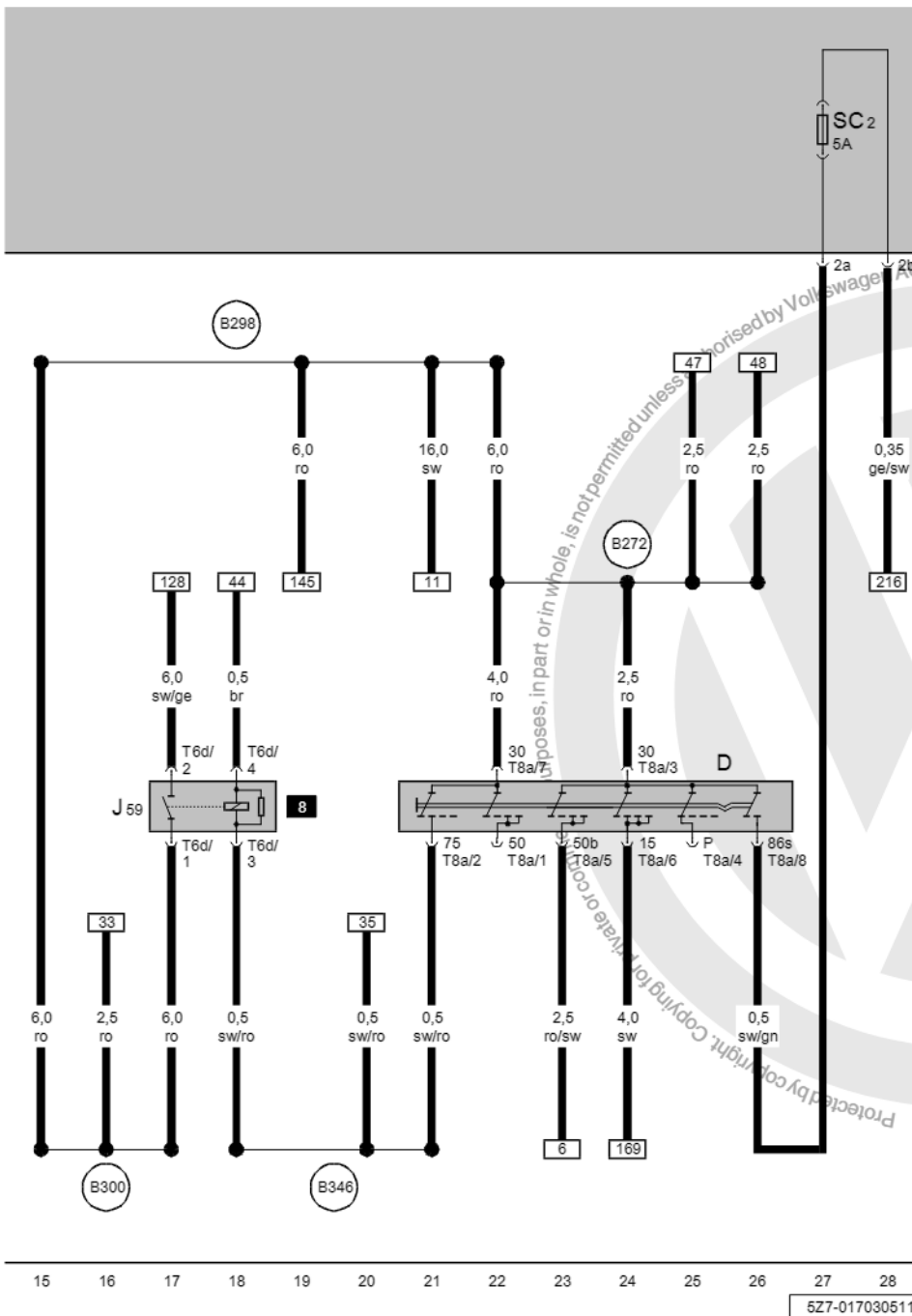
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- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

527-017020511

Ignition switch Xcontact relief relay

- D Ignition switch
- J59 Xcontact relief relay
- SC2 Fuse 2 on fuse holder C
- T6d Fitting connector 6pin in Xcontact relief relay
- T8a Fitting connector 8pin on ignition switch

- B272 Positive connection 30 on main harness
- B298 Positive connection 2 30 on main harness
- B300 Positive connection 4 30 on main harness
- B346 Connection 1 75 on main harness

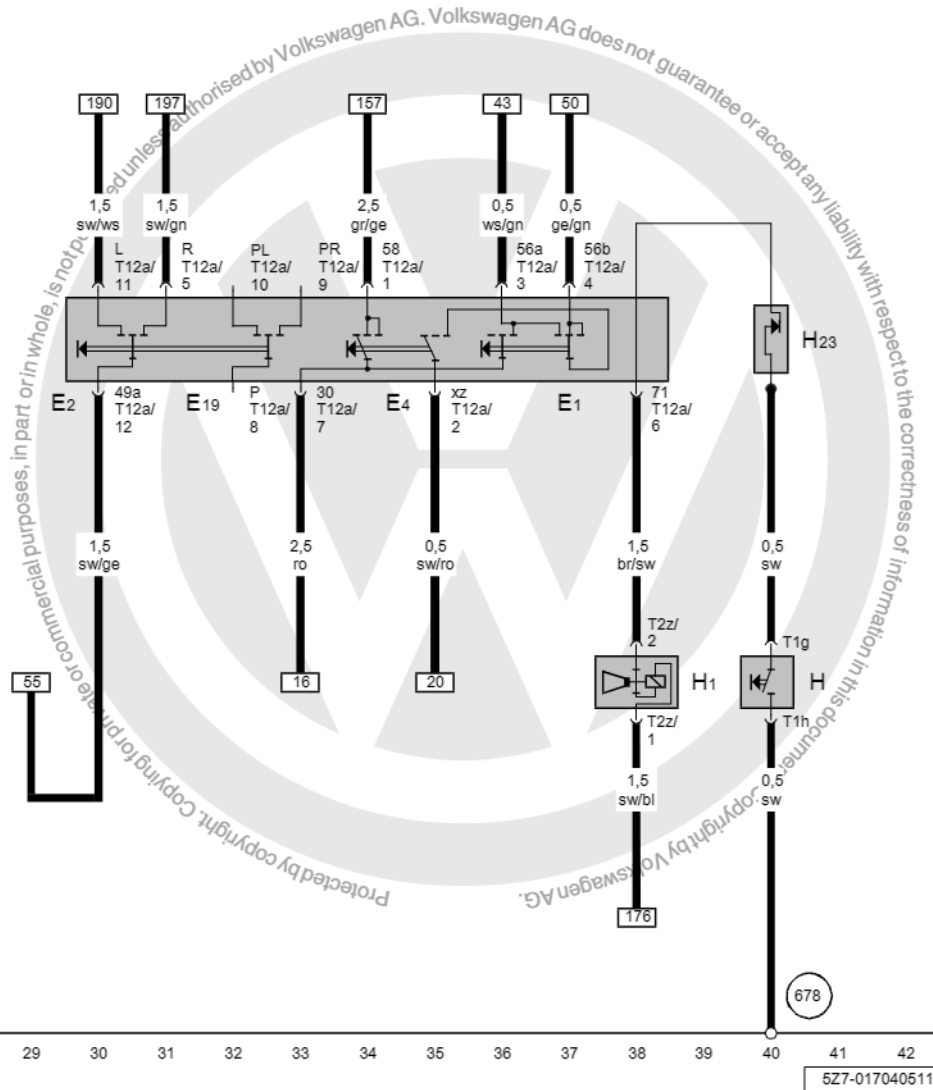


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5Z7-017030511

Light switch Flashingturn light switch Headlight dipper and flasher switch Parking light switch Horn activator Horn and dual tone horn Horn activation contact ring

- E1 Light switch
- E2 Flashingturn light switch
- E4 Headlight dipper and flasher switch
- E19 Parking light switch
- H Horn activator
- H1 Horn or dual tone horn
- H23 Horn activation contact ring
- T1g Fitting connector single on horn activator
- T1h Fitting connector single on horn activator
- T2z Fitting connector 2pin in horn or dual tone horn
- T12a Fitting connector 12 poles in light switch
- 678 Earth point on steering wheel

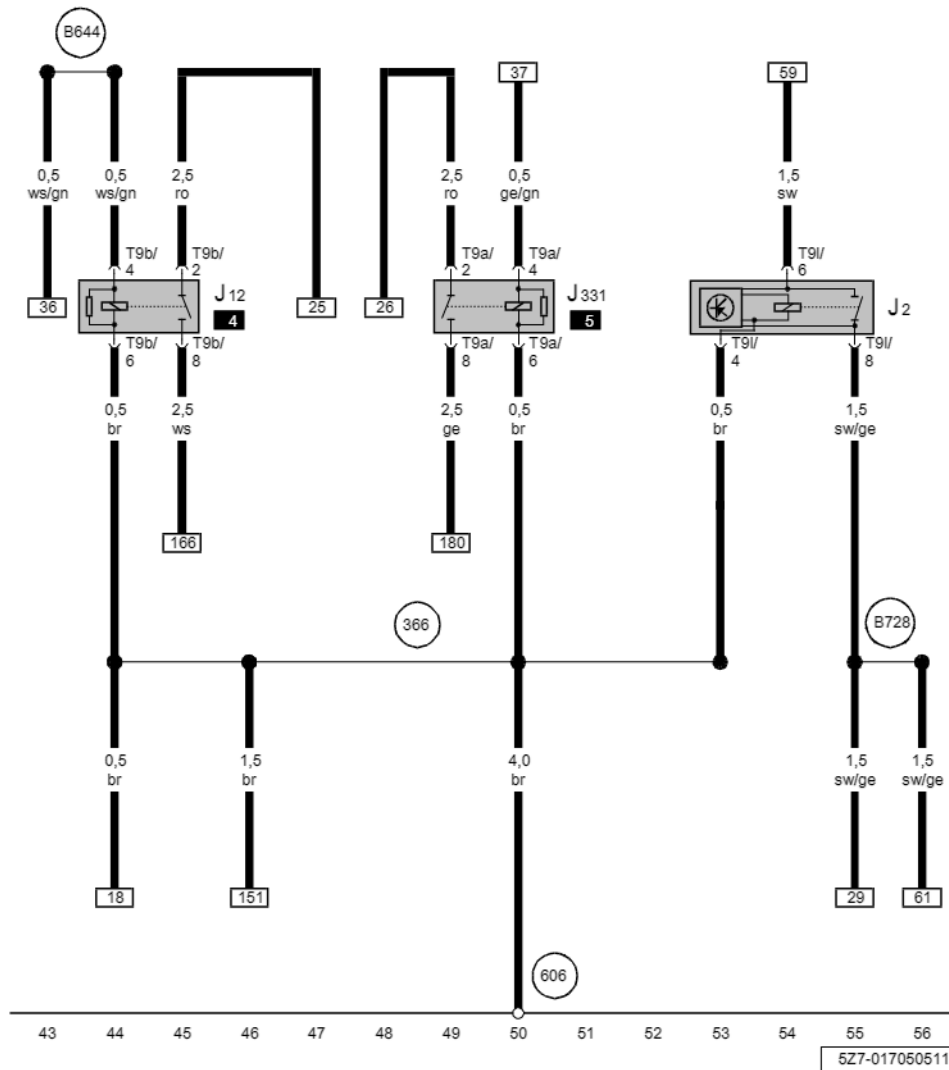


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- rs = pink

Hazard warning light relay Headlight main beam relay  
Dipped beam relay

- J2 Hazard warning light relay
- J12 Headlight main beam relay
- J331 Dipped beam relay
- T9a Fitting connector 9pin in dipped beam relay
- T9b Fitting connector 9pin in headlight main beam relay
- T9l Fitting connector 9pin on warning light relay

- 366 Earth connection 1 in main harness
- 606 Earth point under the centre console near the selection lever
- B644 Connection 3 56a on main harness
- B728 Connection 49a on main harness

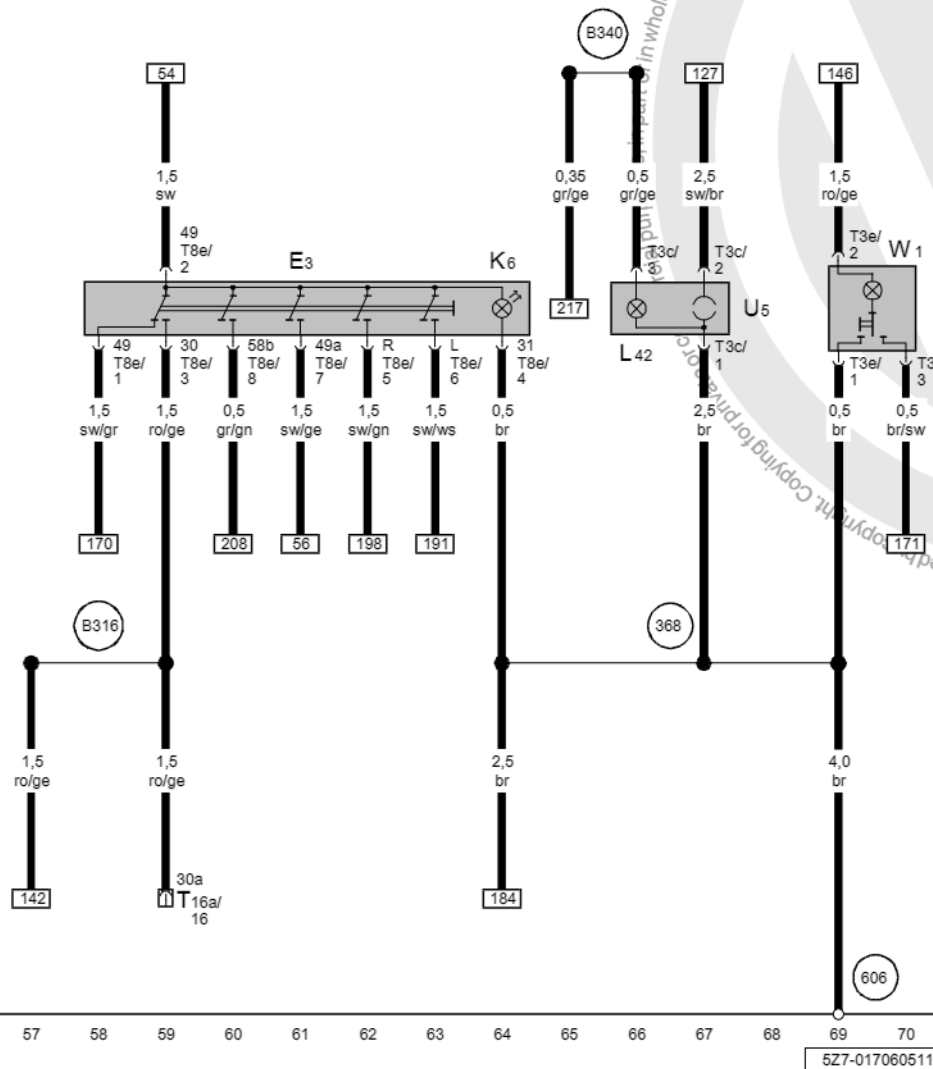


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- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Hazard warning light switch Indicator lamp for hazard warning light Socket light bulb 12volt socket Front internal light

- E3 Hazard warning light switch
- K6 Indicator lamp for hazard warning light
- L42 Socket illumination bulb
- T3c Fitting connector 3pin on 12volt socket
- T3e Fitting connector 3pin in front interior light
- T8e Fitting connector 8pin on warning light switch
- T16a Fitting connector 16 poles in diagnosis
- U5 12volt socket
- W1 Front internal light

- 368 Earth connection 3in main harness
- 606 Earth point under the centre console near the selection lever
- B316 Positive connection 2 30a on main harness
- B340 Connection 1 58d on main harness



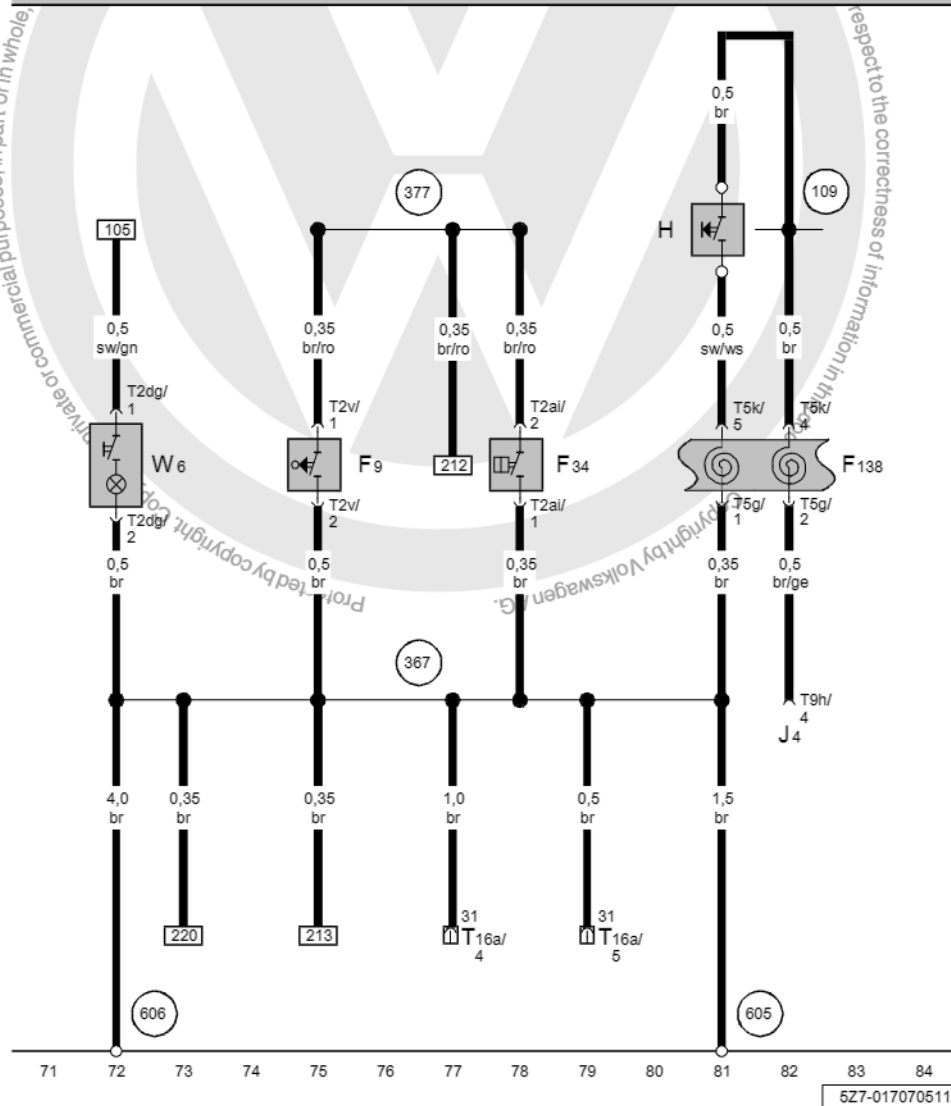
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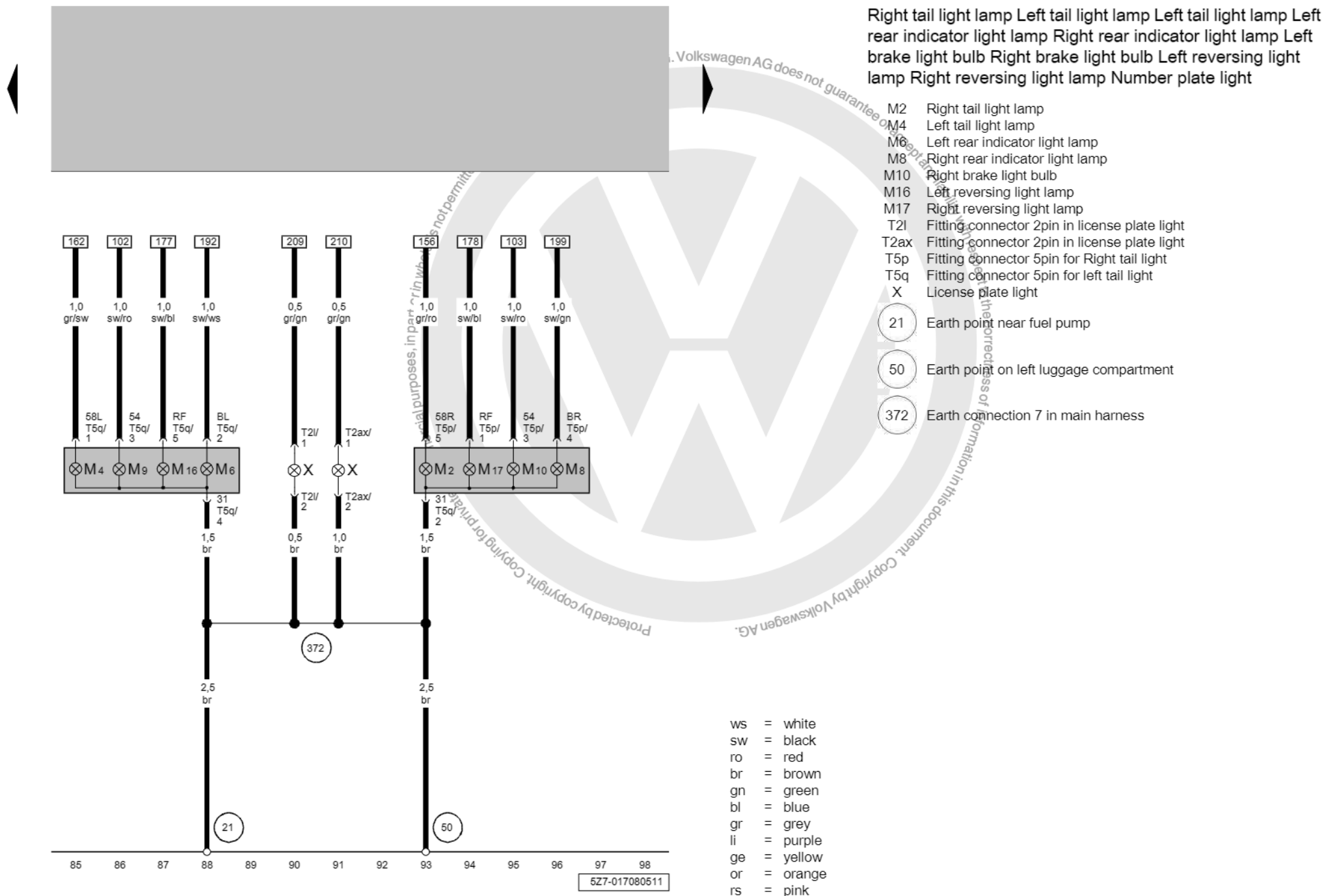
Handbrake warning switch  
Brake oil level warning contact  
Airbag coil connector and return ring with slip ring  
Horn activator  
Glove compartment light

- F9 Handbrake warning switch
- F34 Brake oil level warning contact
- F138 Airbag coil connector and return ring with slip ring
- H Horn activator
- J4 Dual tone horn relay
- T2v Fitting connector 2pin on Park brake control switch
- T2ai Fitting connector 2pin on Brake oil level warning contact
- T2dg Fitting connector 2pin in glove compartment light
- T5g Fitting connector 5pin on airbag coil connector and return ring with slip ring
- T5k Fitting connector 5pin on airbag coil connector and return ring with slip ring
- T9h Fitting connector 9pin in dual tone horn relay
- T16a Fitting connector 16 poles in diagnosis
- W6 Glove compartment light

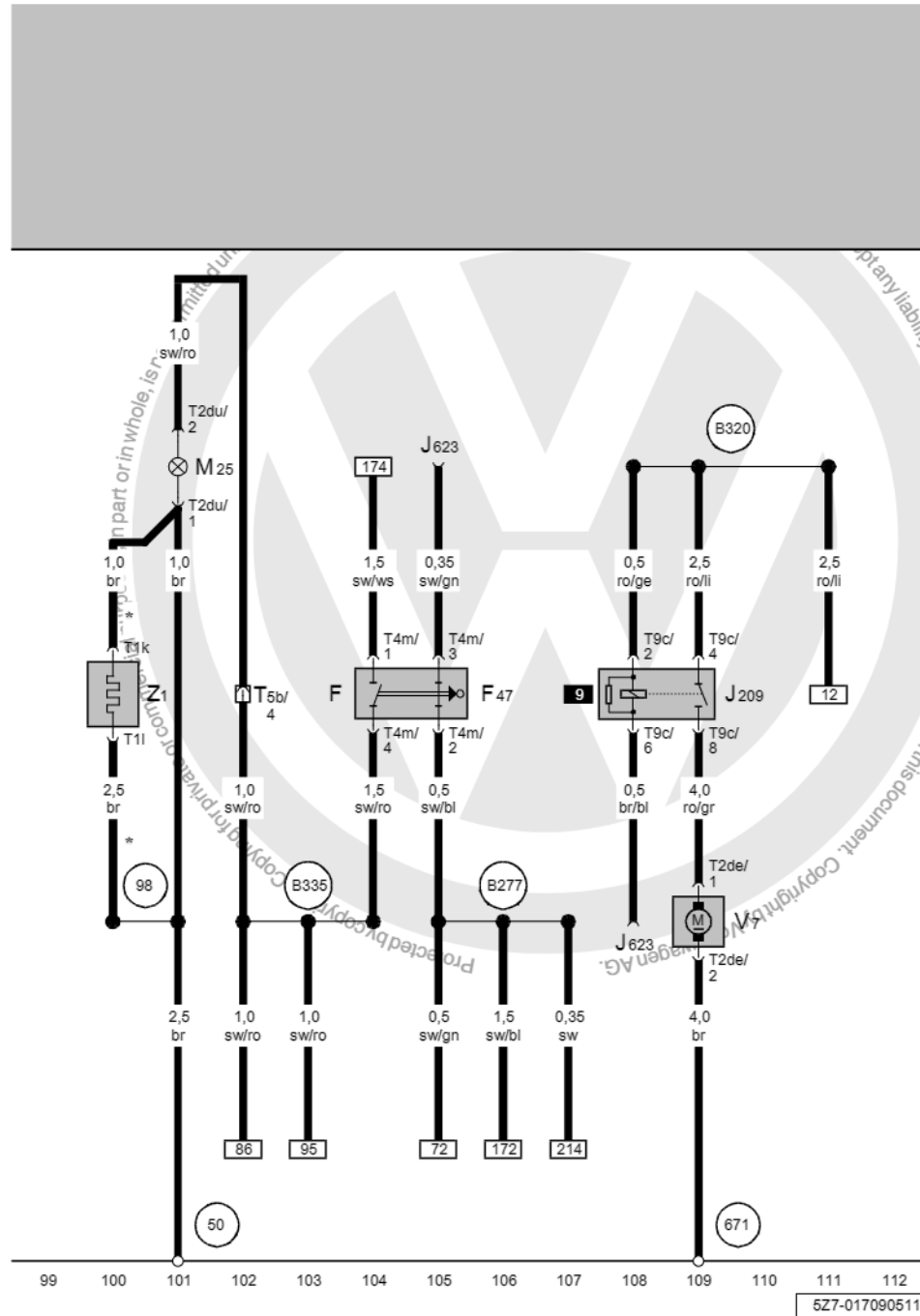
- 109 Earth connection in the airbag wiring harness
- 367 Earth connection 2 in main harness
- 377 Earth connection 12 in main harness
- 605 Earth point in upper steering column area
- 606 Earth point under the centre console near the selection lever

ws = white  
sw = black  
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bl = blue  
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Brake light switch Brake pedal switch Fresh air blower and radiator fan relay Lamp for 'brakelight' Radiator fan Heated rear window

- F Brake light switch
- F47 Brake pedal switch
- J209 Fresh air blower and radiator fan relay
- J623 Engine control unit
- M25 Lamp for 'brakelight'
- T1k Fitting connector single heated rear window
- T1l Fitting connector single heated rear window
- T2de Fitting connector 2pin on radiator fan
- T2du Fitting connector single on lamp for 'brakelight'
- T4m Fitting connector 4pin on brake pedal switch
- T5b Fitting connector 5pin behind rear left side lining near the wheelhouse
- T9c Fitting connector 9pin fresh air blower and radiator fan relay
- V7 Radiator fan
- Z1 Heated rear window

- 50 Earth point on left luggage compartment
  - 98 Earth connection on rear lid wiring harness
  - 671 Earth point 1 on left front longitudinal member
  - B277 Positive connection 1 15a on main harness
  - B320 Positive connection 6 30a on main harness
  - B335 Connection 1 54 on main harness
- Only for vehicles with heater rear window

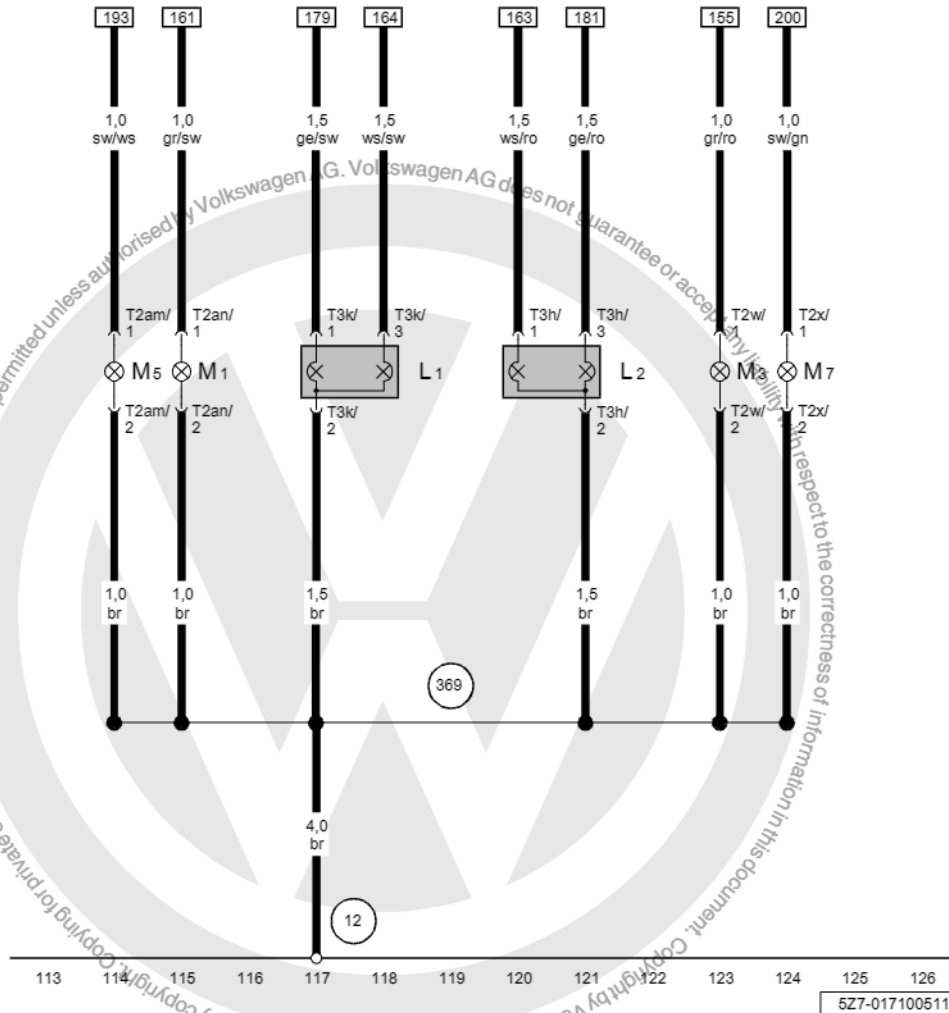
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Left headlight twin filament bulb Right headlight twin filament bulb  
Left front side light lamp Right front side light lamp Left front indicator light lamp Right front indicator light lamp

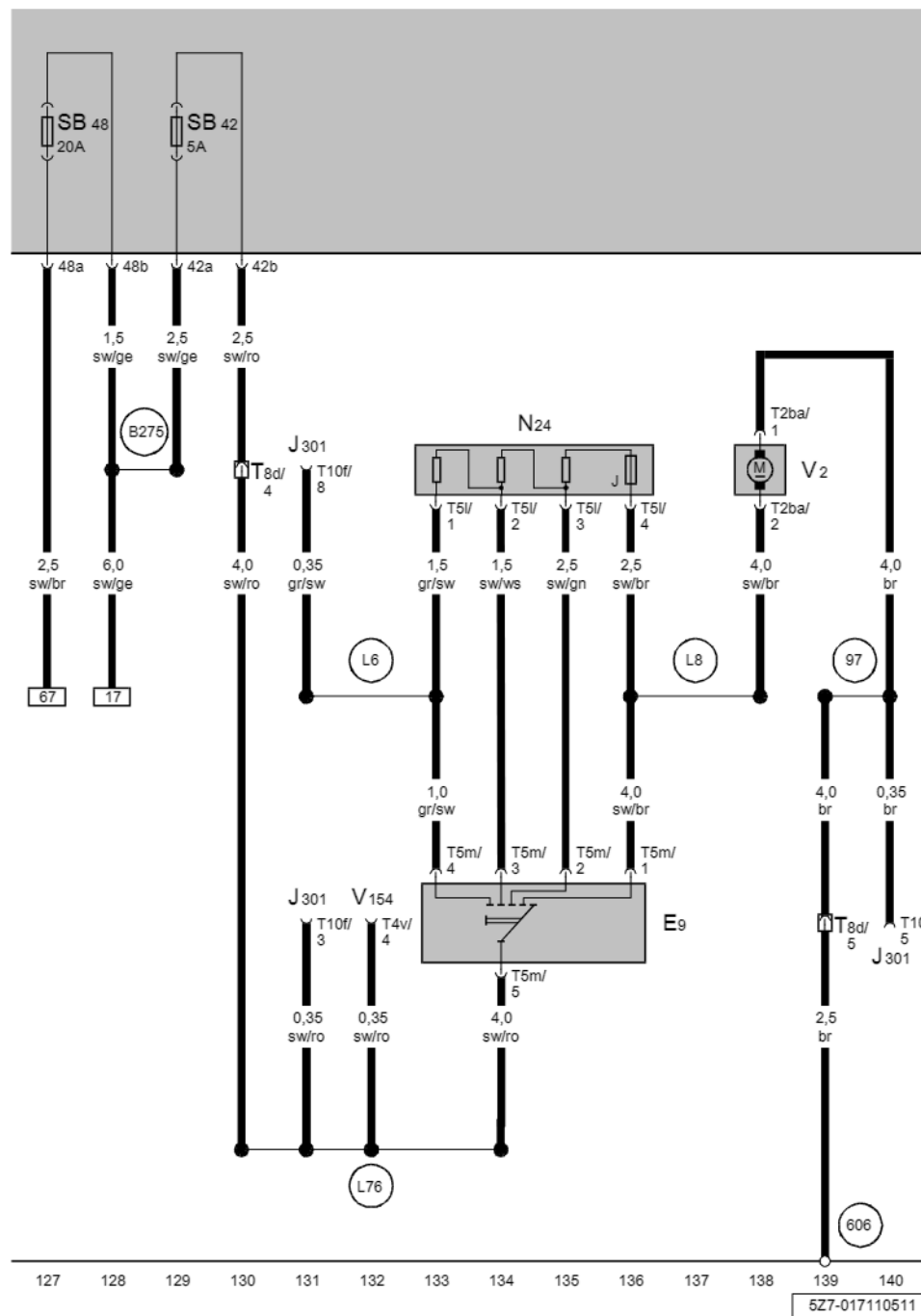
- L1 Left headlight twin filament bulb
- L2 Right headlight twin filament bulb
- M1 Left front sidelight lamp
- M3 Right front sidelight lamp
- M5 Left front indicator light lamp
- M7 Right front indicator light lamp
- T2am Fitting connector 2pin in left front indicator light lamp
- T2an Fitting connector 2pin in left front sidelight lamp
- T2w Fitting connector 2pin in right front sidelight lamp
- T2x Fitting connector 2pin in right front indicator light lamp
- T3h Fitting connector 3pin on right headlight twin filament bulb
- T3k Fitting connector 3pin on left headlight twin filament bulb

12 Earth point in engine compartment left

369 Earth connection 4 in main harness



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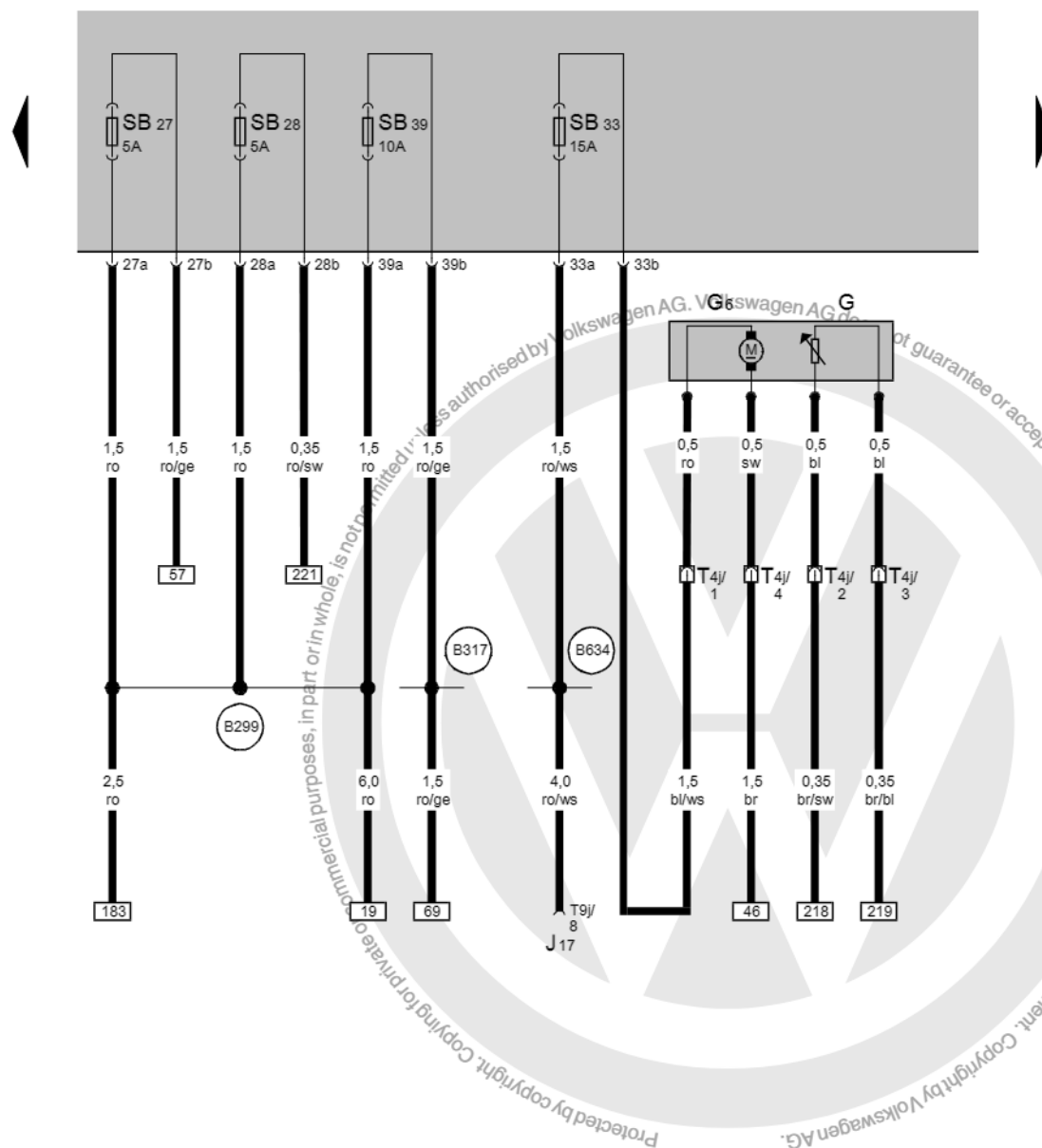


# Rear fresh air blower switch Fresh air blower series resistor with overheating fuse Fresh air blower

- E9 Fresh air blower switch
- J301 Air conditioning system control unit
- N24 Fresh air blower series resistor with overheating fuse
- SB42 Fuse 42 on fuse holder B
- SB48 Fuse 48 on fuse holder B
- T2ba Fitting connector 2pin on fresh air blower
- T4v Fitting connector 4pin on control motor for the fresh air valve and the recirculation valve
- T5l Fitting connector 5pin on fresh air blower series resistor with overheating fuse
- T5m Fitting connector 5pin on fresh air blower switch
- T8d Fitting connector 8pin on behind dash panel centre
- T10f Fitting connector 10 poles on Air conditioning system control unit
- V2 Fresh air fan
- V154 Control motor for the fresh air valve and the recirculation valve

- 97 Earth connection 1 on air conditioning wiring harness
- 606 Earth point under the centre console near the selection lever
- B275 Positive connection 87 on main harness
- L6 Connection 2 on wiring harness for box of the air conditioning
- L8 Connection 4 on wiring harness for box of the air conditioning
- L76 Connection 87 on air conditioning wiring harness

ws = white  
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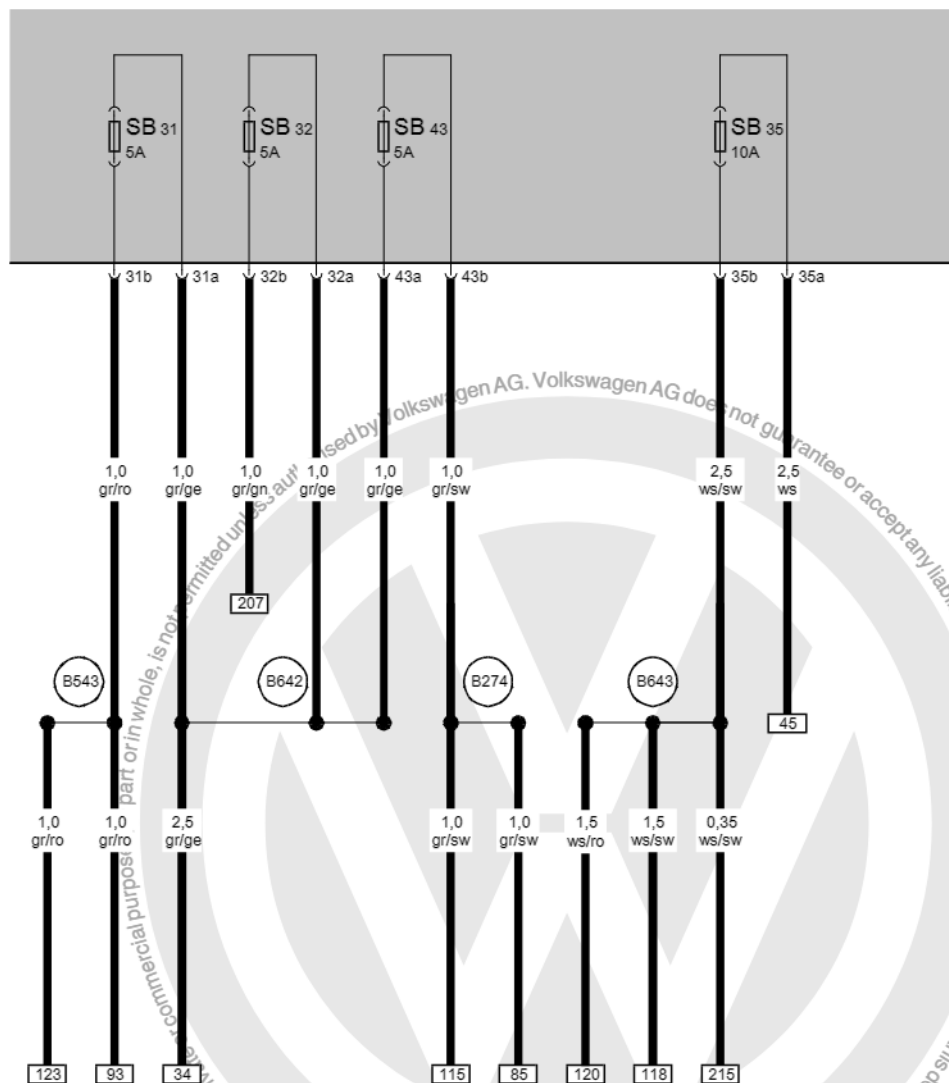
Fuel gauge sender Fuel pump presupply pump

G	Fuel gauge sender
G6	Fuel system pressurization pump
J17	Fuel pump relay
SB27	Fuse 27 on fuse holder B
SB28	Fuse 28 on fuse holder B
SB33	Fuse 33 on fuse holder B
SB39	Fuse 39 on fuse holder B
T4j	Fitting connector 4pin on Fuel pump presupply pump
T9j	Fitting connector 9pin on Fuel pump relay

(B299) Positive connection 3 30 on main harness

(B317) Positive connection 3 30a on main harness

(B634) Positive connection 2 87 on main harness

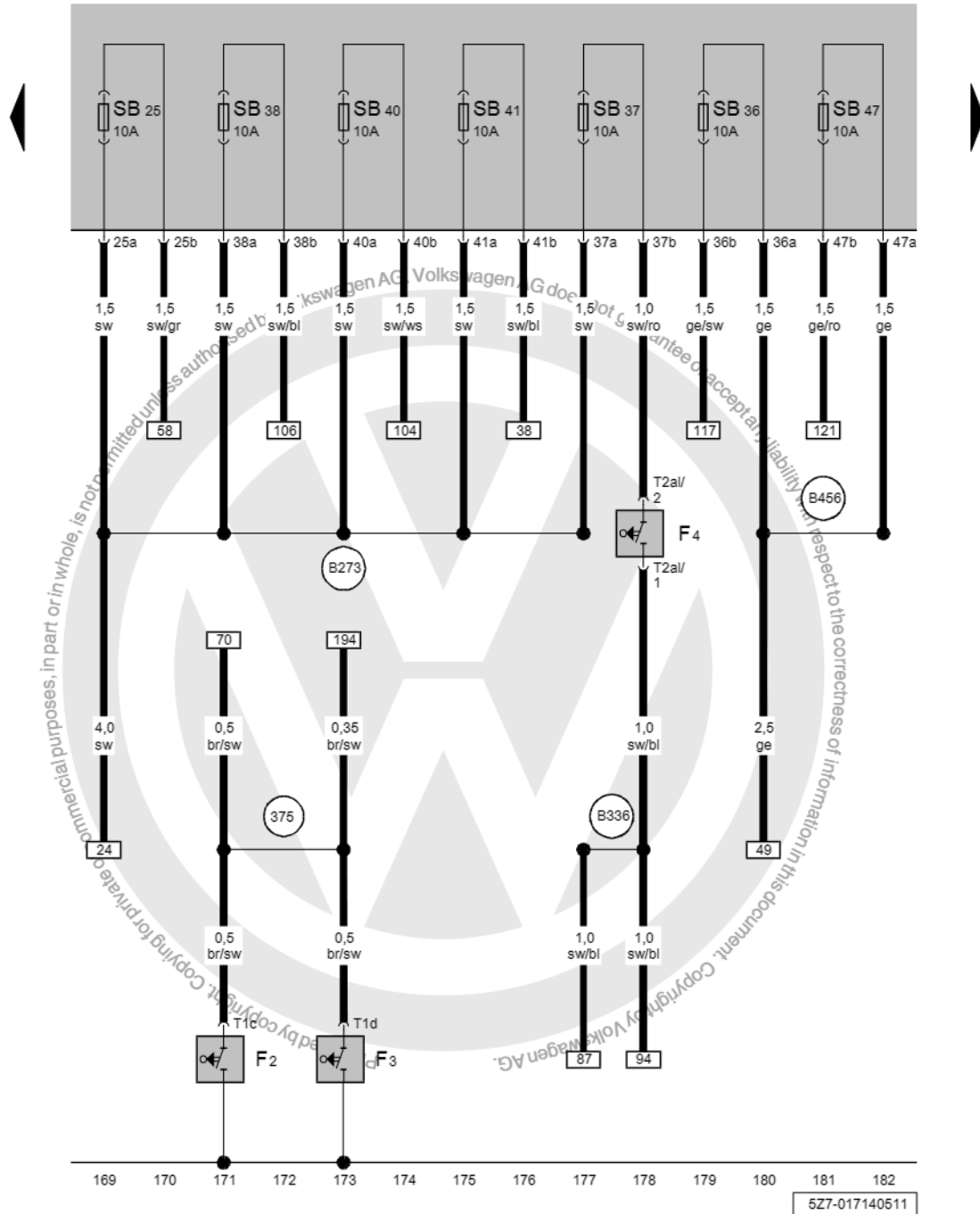


# Fuses

- SB31 Fuse 31 on fuse holder B
- SB32 Fuse 32 on fuse holder B
- SB35 Fuse 35 on fuse holder B
- SB43 Fuse 43 on fuse holder B

- B274 Positive connection 58L on main harness
- B543 Positive connection 58R on main harness
- B642 Positive connection 58 on main harness
- B643 Connection 2 56a on main harness

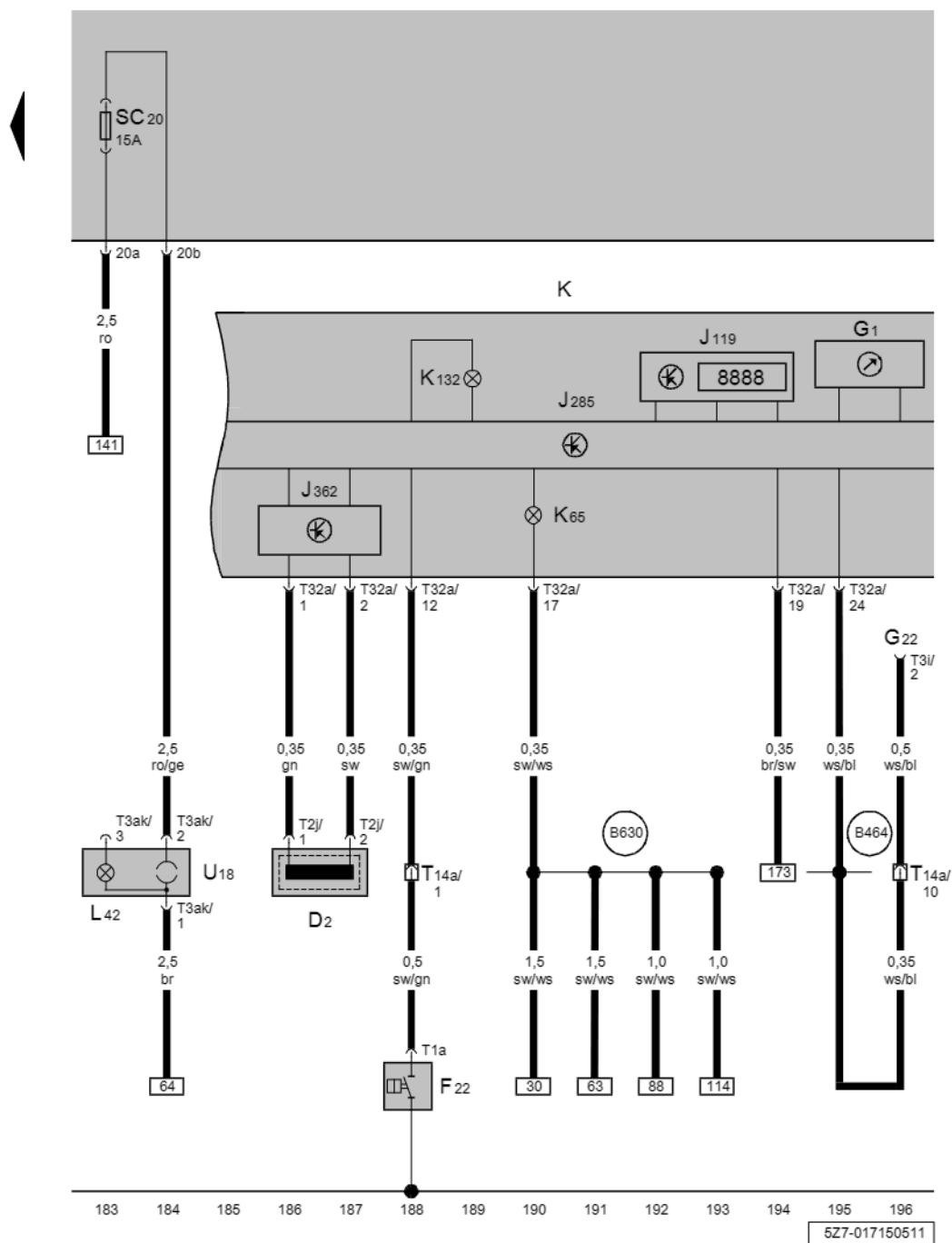
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Driver door contact switch Front passenger door contact switch Reversing light switch

- F2 Driver door contact switch
- F3 Front passenger door contact switch
- F4 Reversing light switch
- SB25 Fuse 25 on fuse holder B
- SB36 Fuse 36 on fuse holder B
- SB37 Fuse 37 on fuse holder B
- SB38 Fuse 38 on fuse holder B
- SB40 Fuse 40 on fuse holder B
- SB41 Fuse 41 on fuse holder B
- SB47 Fuse 47 on fuse holder B
- T1c Fitting connector single on Driver door contact switch
- T1d Fitting connector single on Front passenger door contact switch
- T2a1 Fitting connector 2pin on reversing light switch
- 375 Earth connection 10 in main harness
- B273 Positive connection 15 on main harness
- B336 Connection 2 54 on main harness
- B456 Connection 56b on main harness

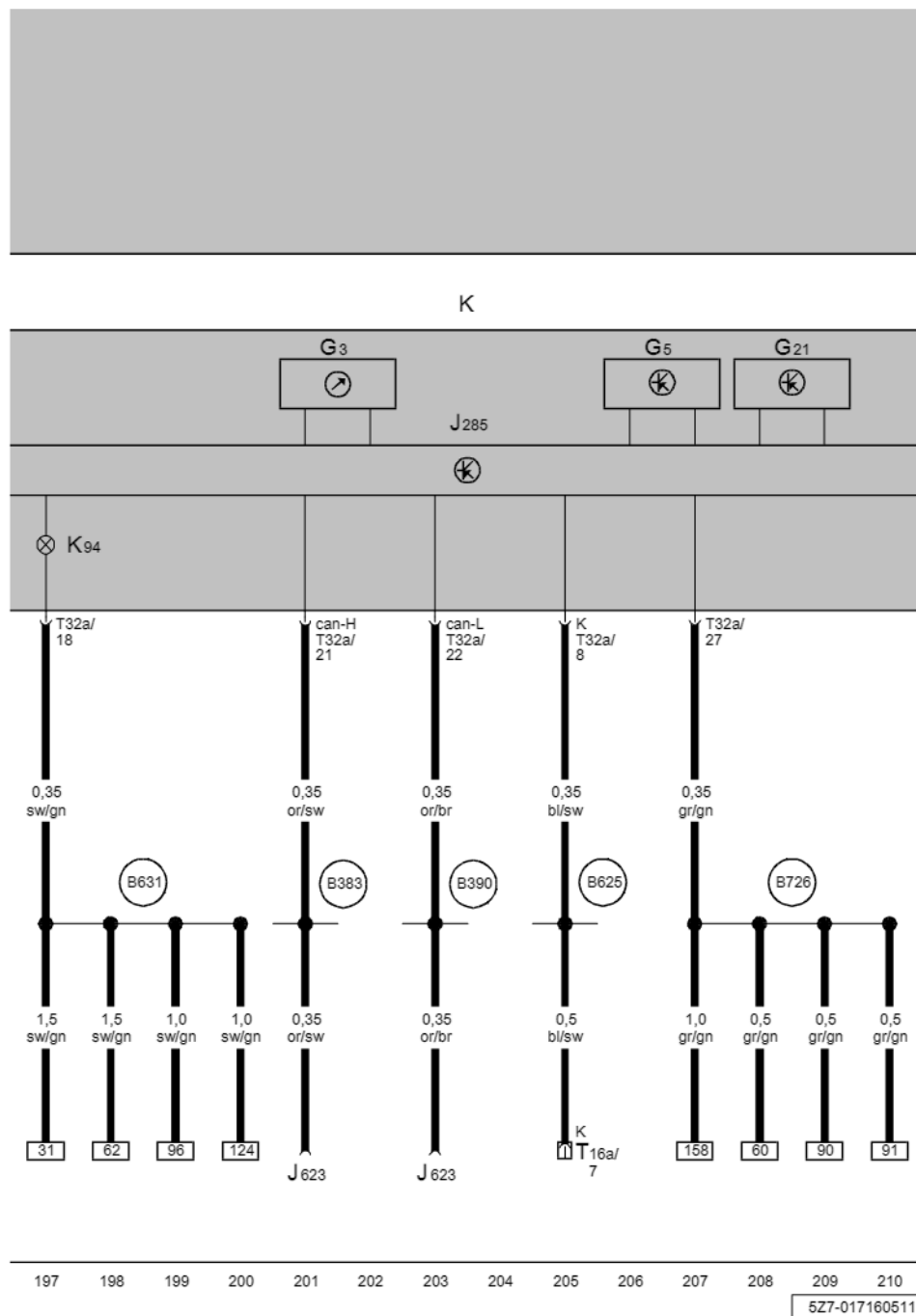
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Immobilizer reading coil Oil pressure switch Fuel level indicator Multifunction indicator Immobilizer control unit Combined instrument Left turn signal control light 'Egas' system failure indicator light

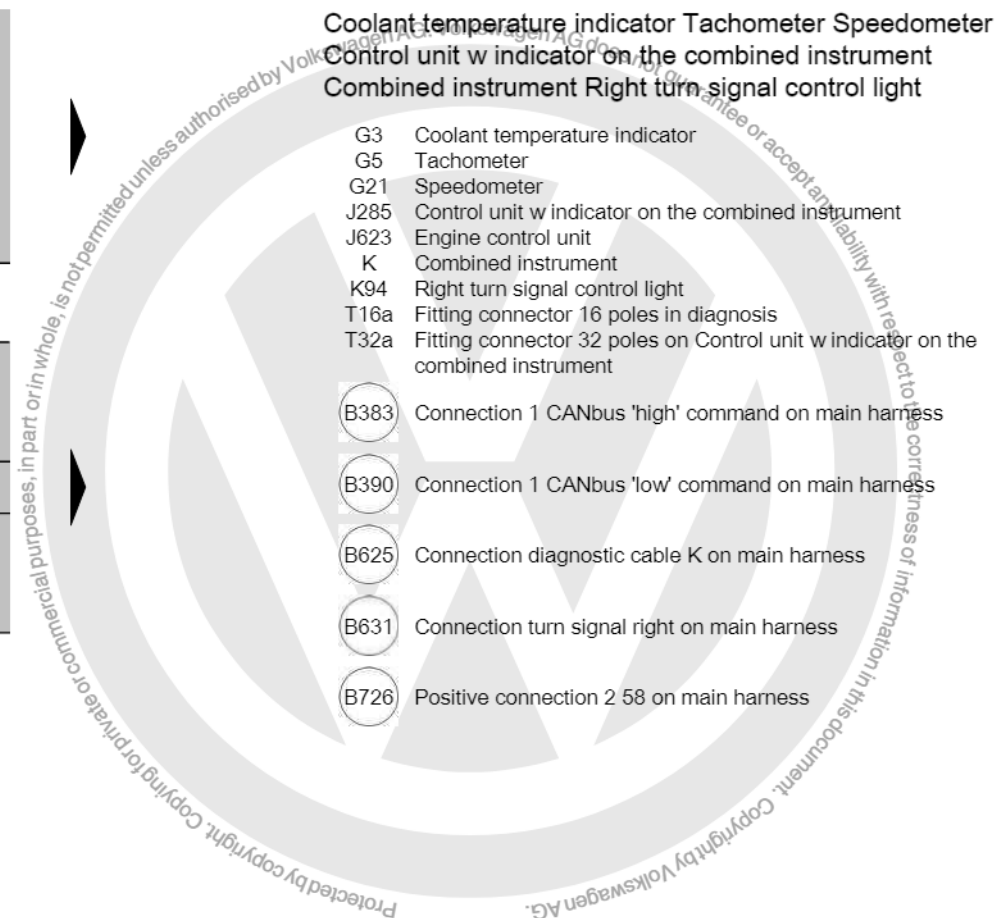
- D2 Immobilizer reading coil
- F22 Oil pressure switch
- G1 Fuel level indicator
- G22 Speed sensor
- J119 Multifunction indicator
- J285 Control unit w indicator on the combined instrument
- J362 Immobilizer control unit
- K Combined instrument
- K65 Left turn signal control light
- K132 'Egas' system failure indicator light
- L42 Socket illumination bulb
- SC20 Fuse 20 on fuse holder C
- T1a Fitting connector single on oil pressure switch
- T2j Fitting connector 2pin in Immobilizer reading coil
- T3i Fitting connector 3pin on speed sensor
- T3ak Fitting connector 3pin on 12 V socket 2
- T14a Fitting connector 14 poles on left engine compartment
- T32a Fitting connector 32 poles on Control unit w indicator on the combined instrument
- U18 12 V socket 2
- B464 Connection speed signal on main harness
- B630 Connection turn signal left on main harness

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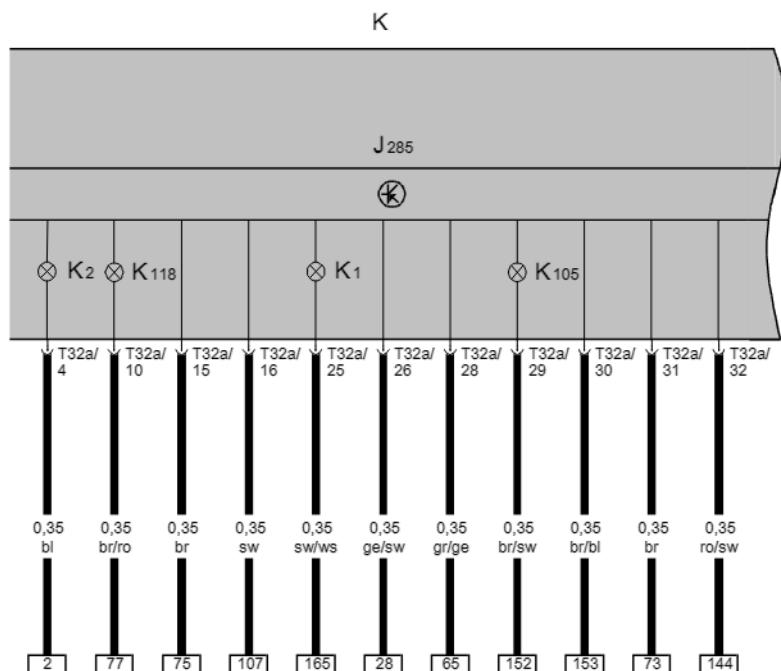


Coolant temperature indicator Tachometer Speedometer  
Control unit w indicator on the combined instrument  
Combined instrument Right turn signal control light

- G3 Coolant temperature indicator
- G5 Tachometer
- G21 Speedometer
- J285 Control unit w indicator on the combined instrument
- J623 Engine control unit
- K Combined instrument
- K94 Right turn signal control light
- T16a Fitting connector 16 poles in diagnosis
- T32a Fitting connector 32 poles on Control unit w indicator on the combined instrument
- B383 Connection 1 CANbus 'high' command on main harness
- B390 Connection 1 CANbus 'low' command on main harness
- B625 Connection diagnostic cable K on main harness
- B631 Connection turn signal right on main harness
- B726 Positive connection 2 58 on main harness

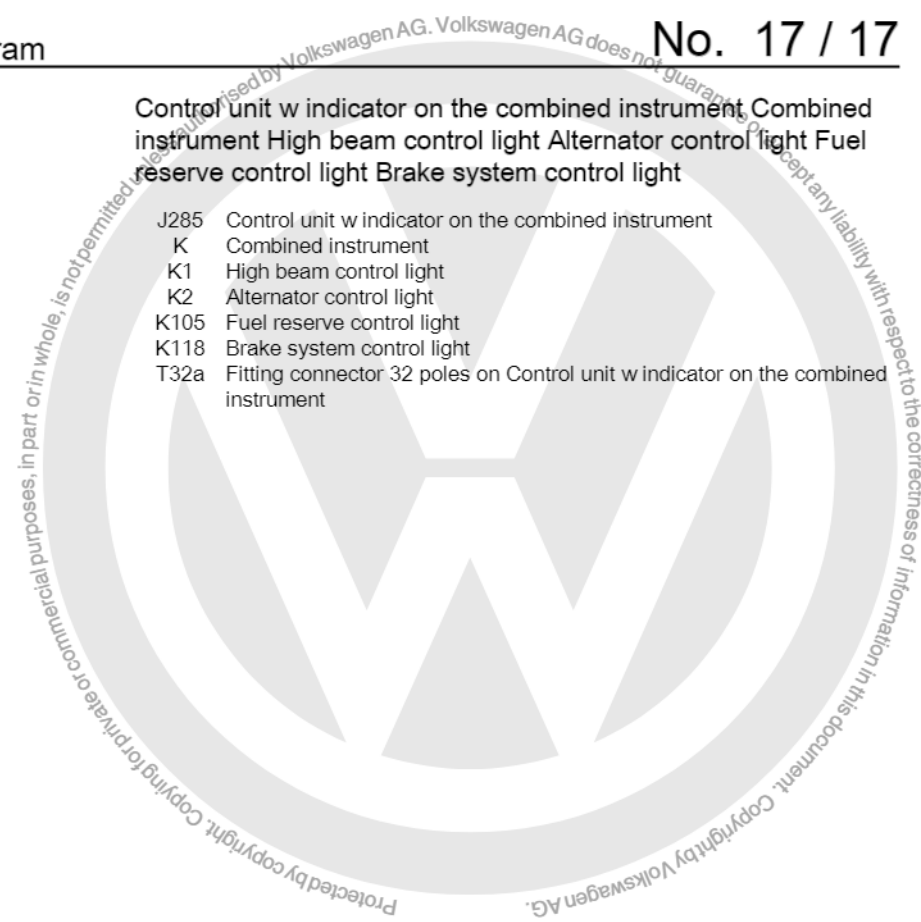






Control unit w indicator on the combined instrument  
 Combined instrument High beam control light  
 Alternator control light Fuel reserve control light  
 Brake system control light

- J285 Control unit w indicator on the combined instrument
- K Combined instrument
- K1 High beam control light
- K2 Alternator control light
- K105 Fuel reserve control light
- K118 Brake system control light
- T32a Fitting connector 32 poles on Control unit w indicator on the combined instrument



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211 212 213 214 215 216 217 218 219 220 221 222 223 224

5Z7-017170511

## Twin headlight

From May 2011

### Notes

For information about

- ◆ Location of relay and fuse

- ◆ Connectors

- ◆ Control units

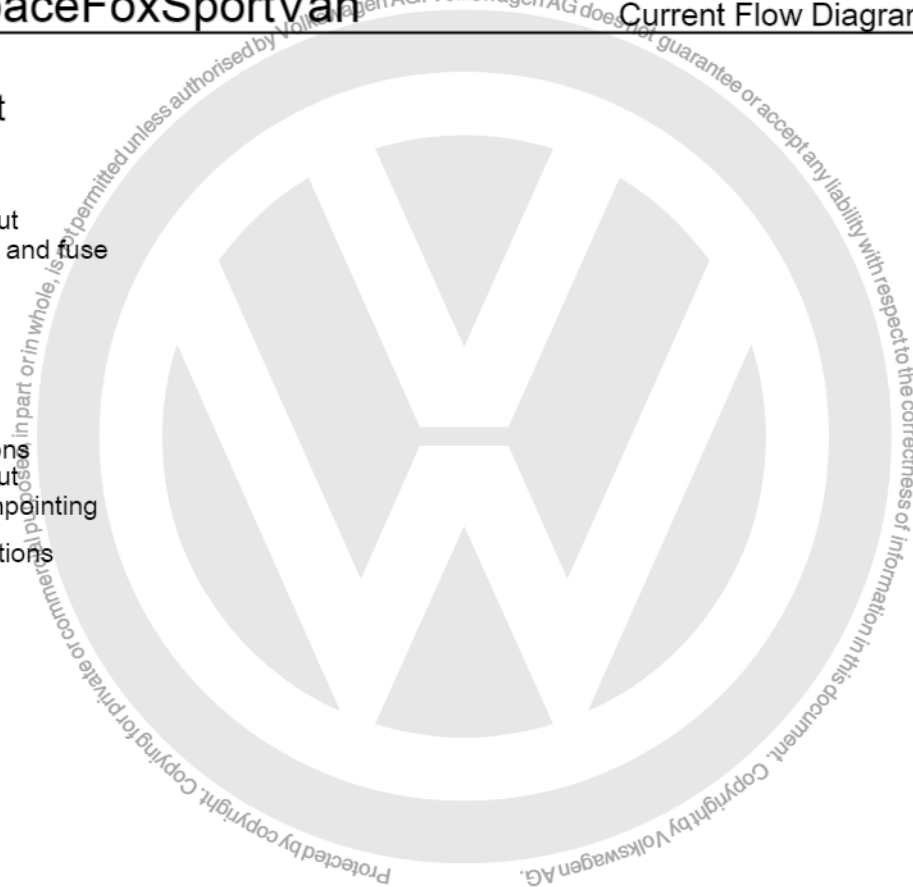
- ◆ Earth points

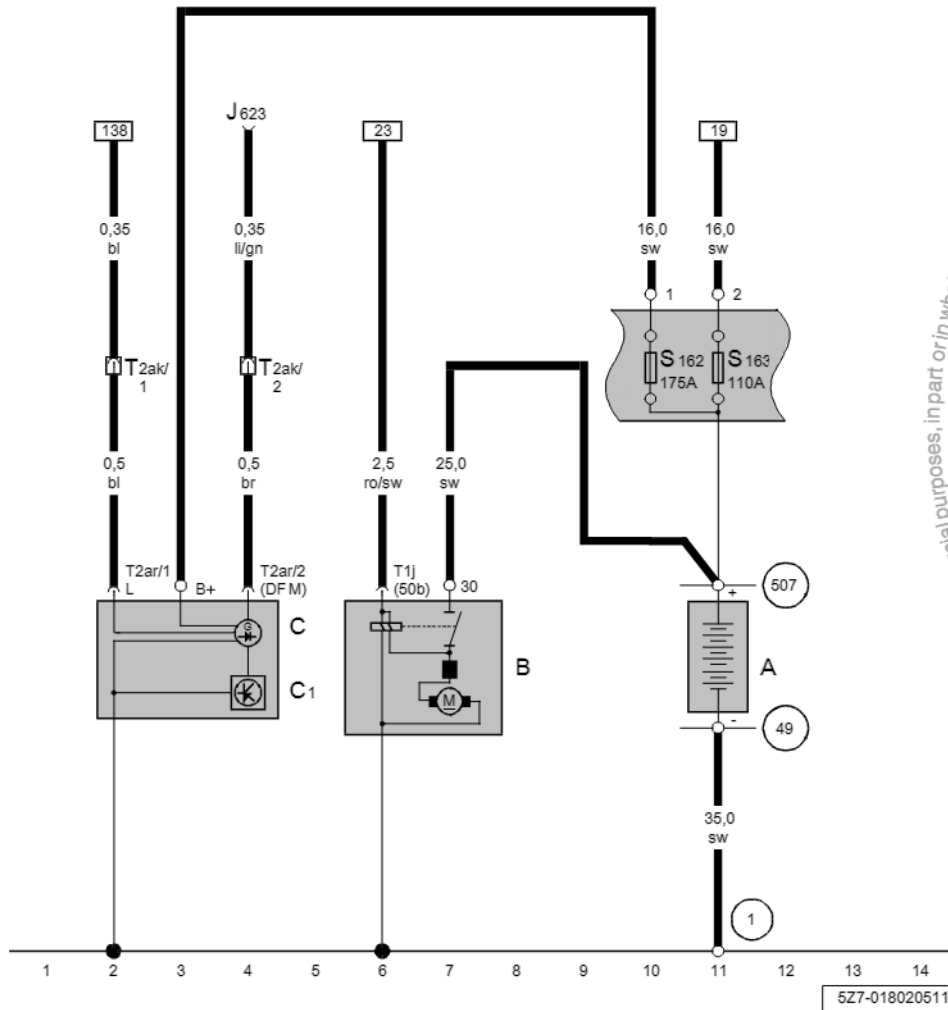
⇒ See fitting locations

For information about

- ◆ Assisted fault pinpointing

⇒ See Guided functions



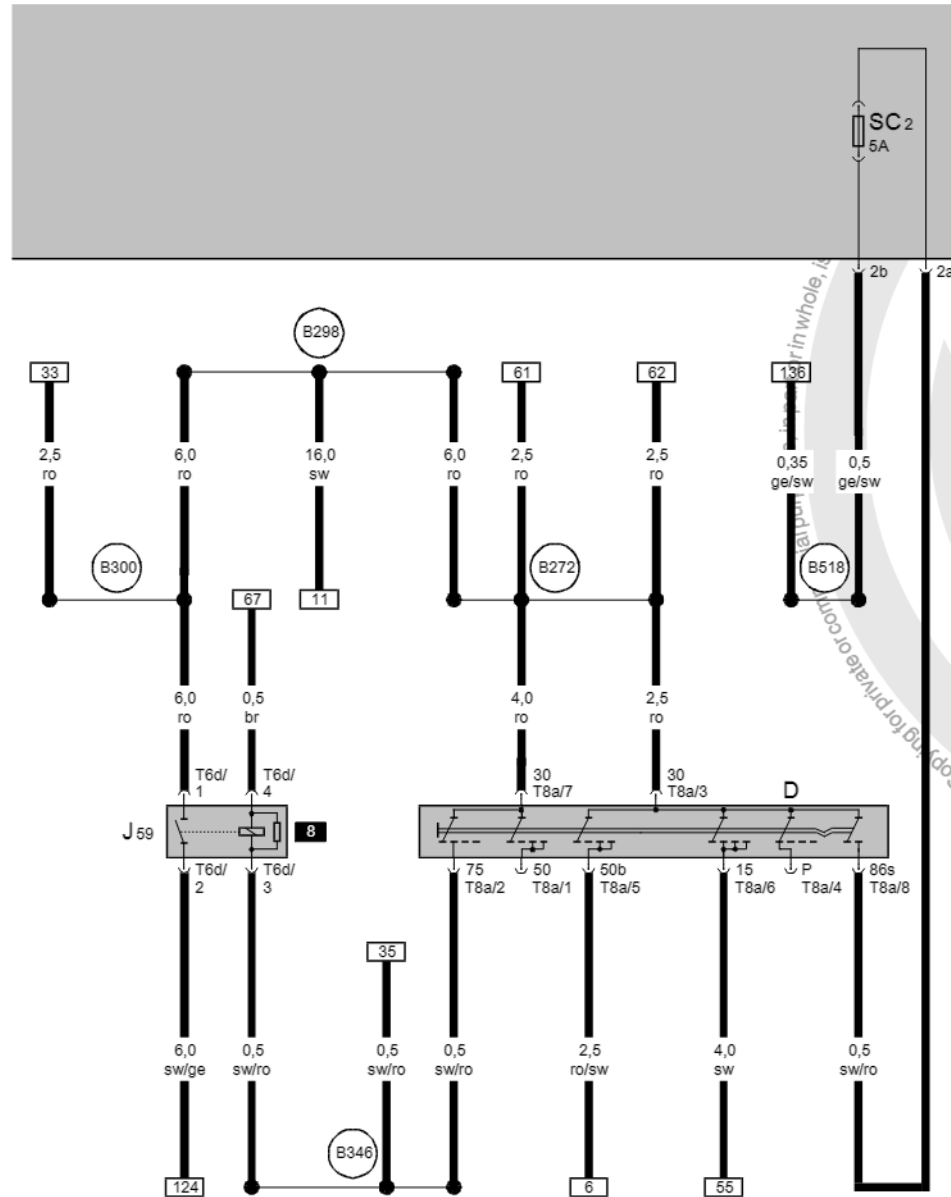


Battery Starter Generator Alternator Voltage regulator

- A Battery
- B Starter
- C Generator Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 30 in battery fuse holder
- S163 Fuse 2 30 in battery fuse holder
- T1j Fitting connector single on starter
- T2ak Fitting connector single on starter
- T2ar Fitting connector 2pin on generator alternator

- 1 Earth strap battery body
- 49 Earth point near the battery
- 507 Screw connection 30 battery fuse holder

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# Ignition switch Xcontact relief relay

- D Ignition switch
- J59 Xcontact relief relay
- SC2 Fuse 2 on fuse holder C
- SC2 Fuse 2 on fuse holder C
- T6d Fitting connector 6pin in Xcontact relief relay
- T8a Fitting connector 8pin on ignition switch

- (B272) Positive connection 30 on main harness
- (B298) Positive connection 2 30 on main harness
- (B300) Positive connection 4 30 on main harness
- (B346) Connection 1 75 on main harness
- (B518) Connection 86s on main harness

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15 16 17 18 19 20 21 22 23 24 25 26 27 28

527-018030511

Light switch Flashingturn light switch Headlight dipper and flasher switch Parking light switch Horn activator Horn activation contact ring

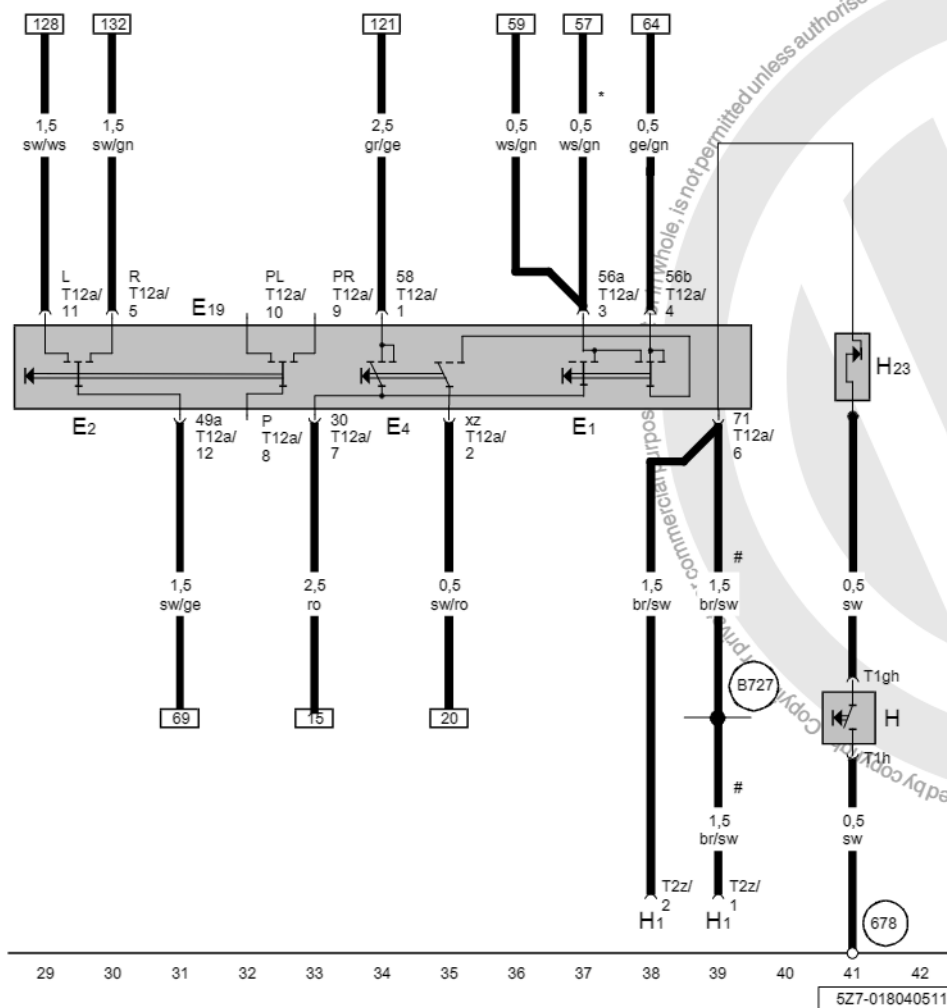
- E1 Light switch
- E2 Flashingturn light switch
- E4 Headlight dipper and flasher switch
- E19 Parking light switch
- H Horn activator
- H1 Horn or dual tone horn
- H23 Horn activation contact ring
- T1gh Fitting connector single on horn activator
- T1h Fitting connector single on horn activator
- T22 Fitting connector 2pin in horn or dual tone horn
- T12a Fitting connector 12 poles in light switch

678 Positive connection 4 30 on main harness

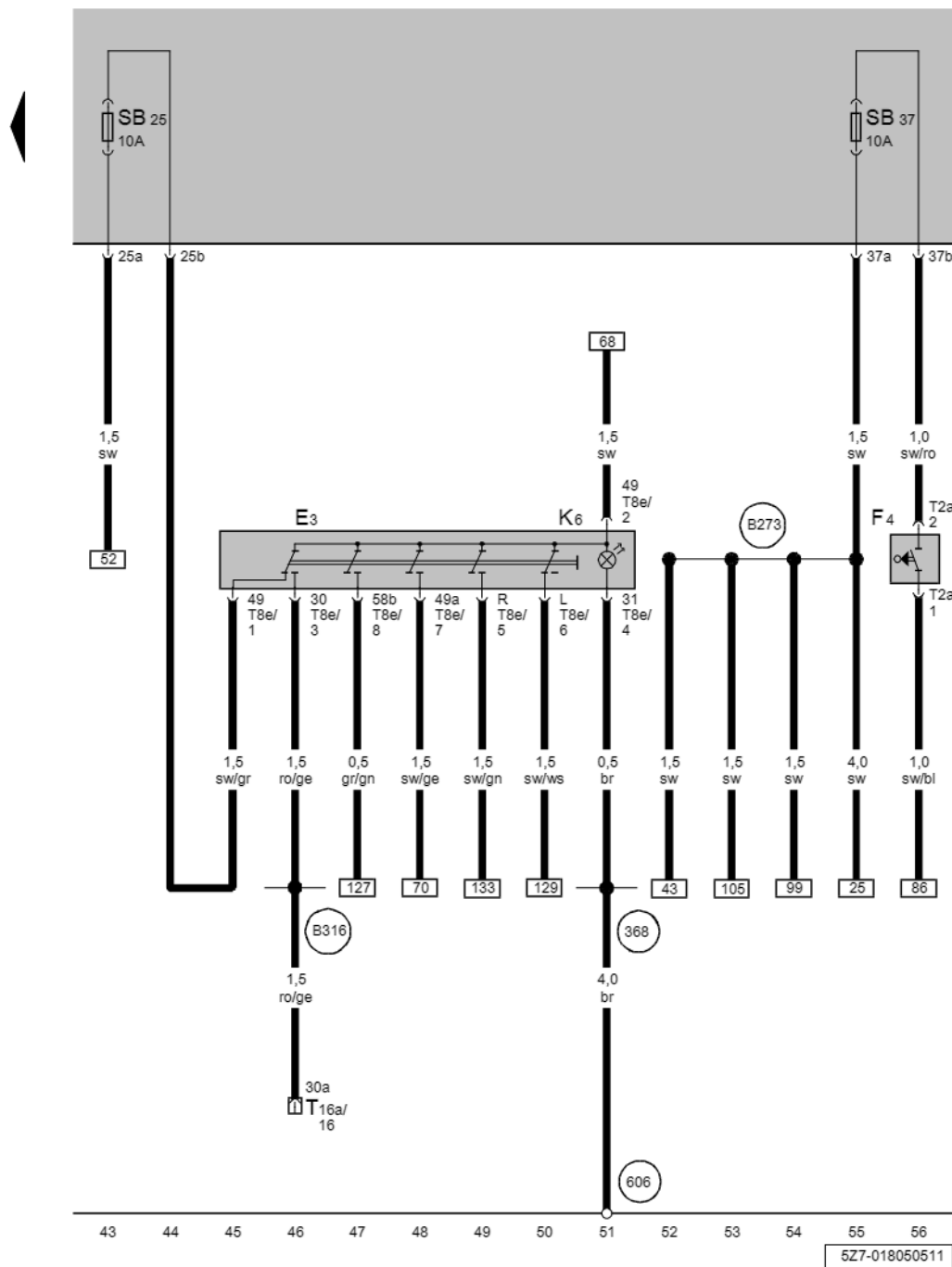
B727 Connection 71a on main harness

Only for CROSS vehicles

Only for vehicles with multifunction steering wheel



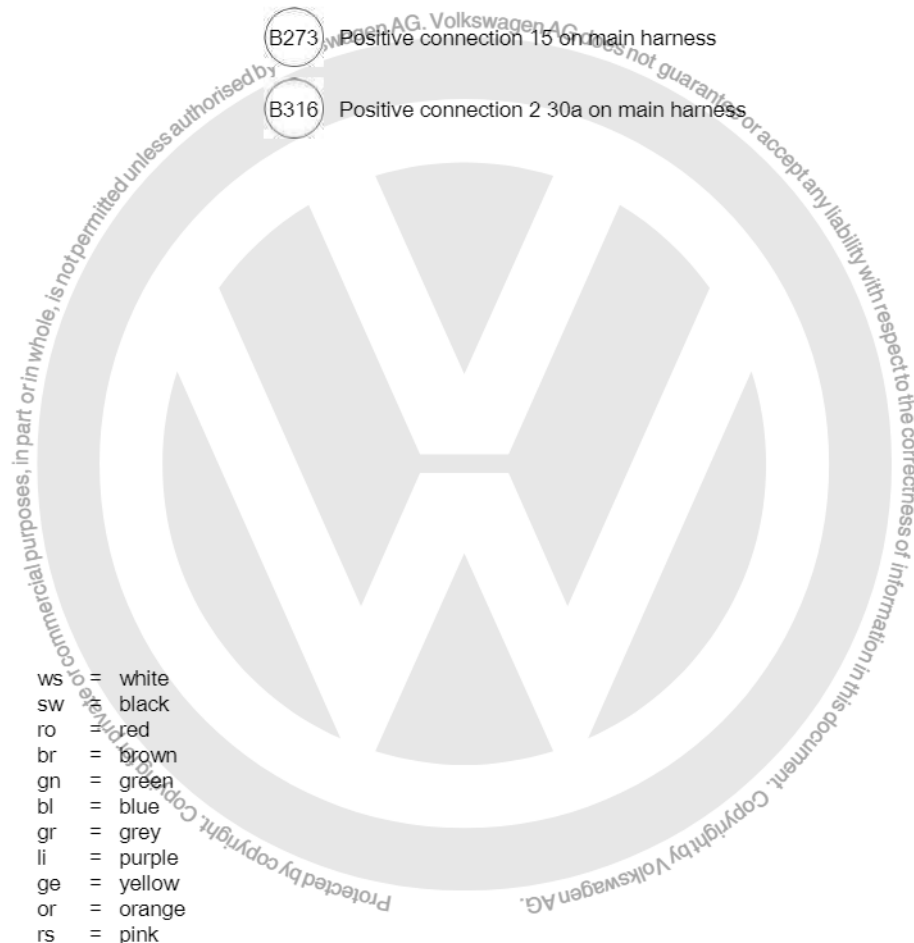
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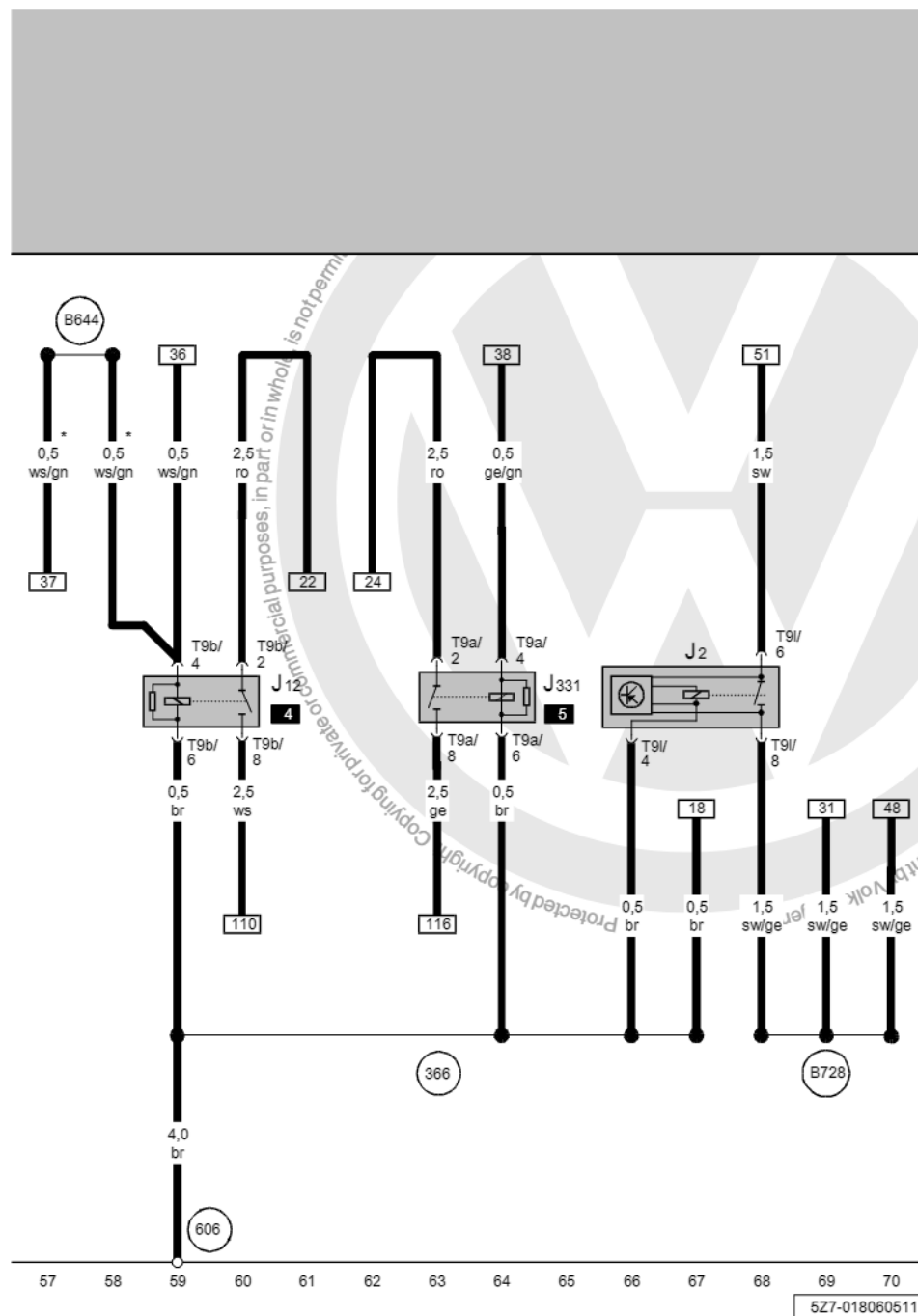


Hazard warning light switch Indicator lamp for hazard warning light Reversing light switch

- E3 Hazard warning light switch
- F4 Reversing light switch
- K6 Indicator lamp for hazard warning light
- SB25 Fuse 25 on fuse holder B
- SB37 Fuse 37 on fuse holder B
- T2a1 Fitting connector 2pin on brake light switch
- T8e Fitting connector 8pin on warning light switch
- T16a Fitting connector 16 poles in diagnosis

- 368 Earth connection 3 in main harness
- 606 Earth point under the centre console near the selection lever
- B273 Positive connection 15 on main harness
- B316 Positive connection 2 30a on main harness





Hazard warning light relay Headlight main beam relay  
Dipped beam relay

- J2 Hazard warning light relay
- J12 Headlight main beam relay
- J331 Dipped beam relay
- T9a Fitting connector 9pin in dipped beam relay
- T9b Fitting connector 9pin in headlight main beam relay
- T9l Fitting connector 9pin on warning light relay

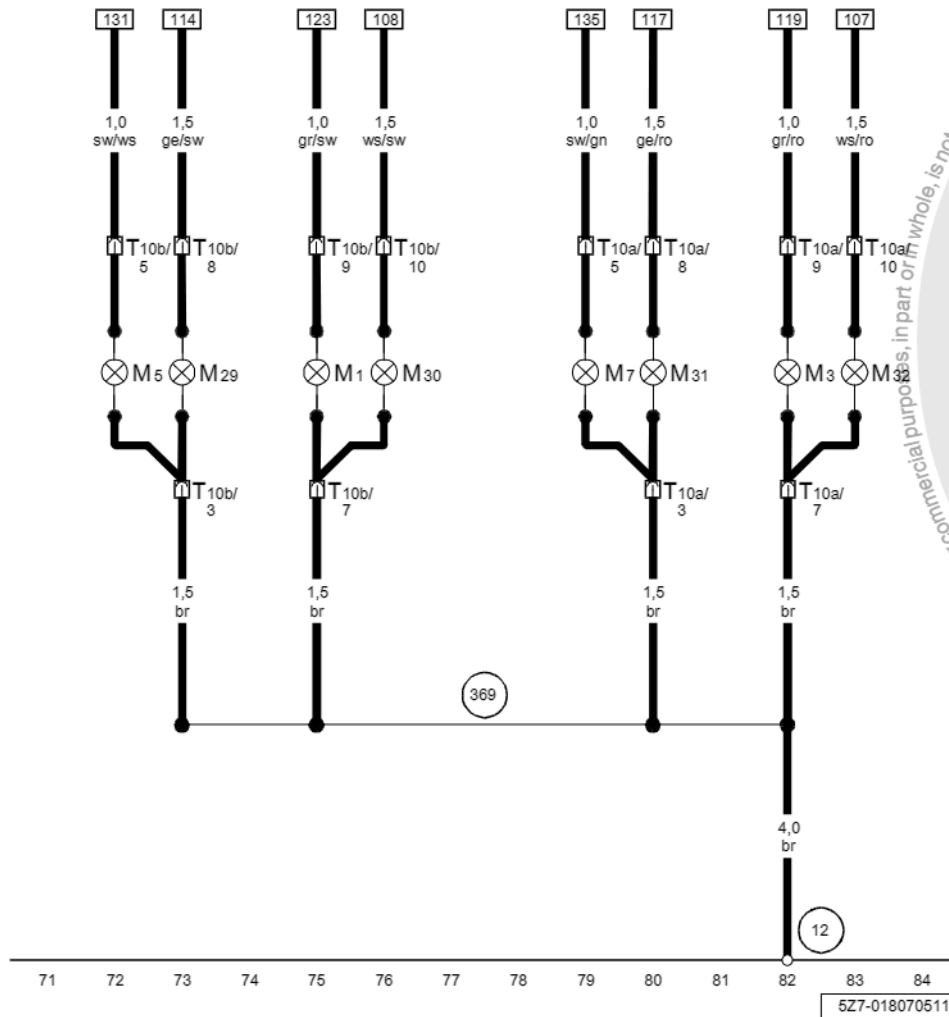
- 366 Connection 3 56a on main harness
  - 606 Earth point under the centre console near the selection lever
  - B644 Connection 3 56a on main harness
  - B728 Connection 49a on main harness
- Only for CROSS vehicles

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Left front side light lamp Right front side light lamp Left front indicator light lamp Right front indicator light lamp Left low beam lamp Left high beam lamp Right low beam lamp Right high beam lamp

- M1 Left front sidelight lamp
- M3 Right front sidelight lamp
- M5 Left front indicator light lamp
- M7 Right front indicator light lamp
- M29 Left low beam lamp
- M30 Left high beam lamp
- M31 Right low beam lamp
- M32 Right high beam lamp
- T10a Fitting connector 10 poles in right front indicator light lamp
- T10b Fitting connector 10 poles in left front indicator light lamp

- 12 Earth point in engine compartment left
- 369 Earth connection 4 in main harness

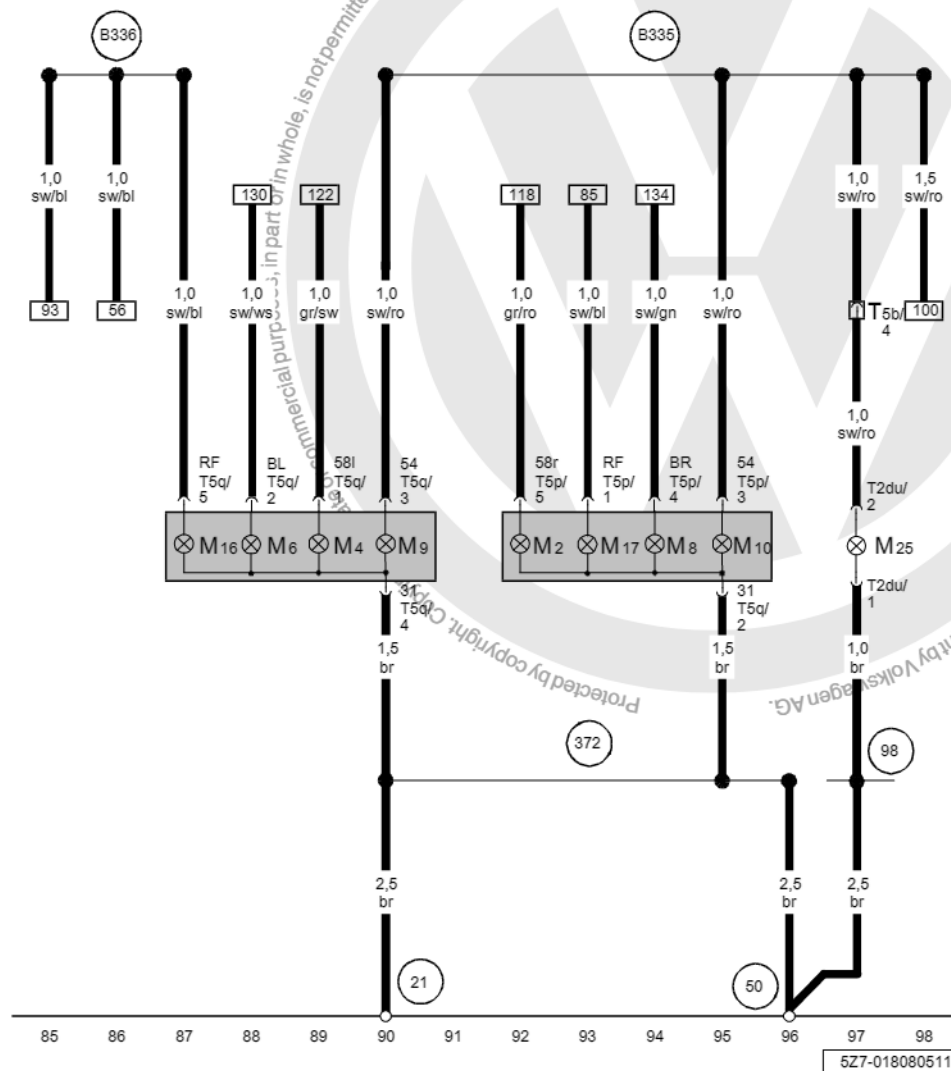




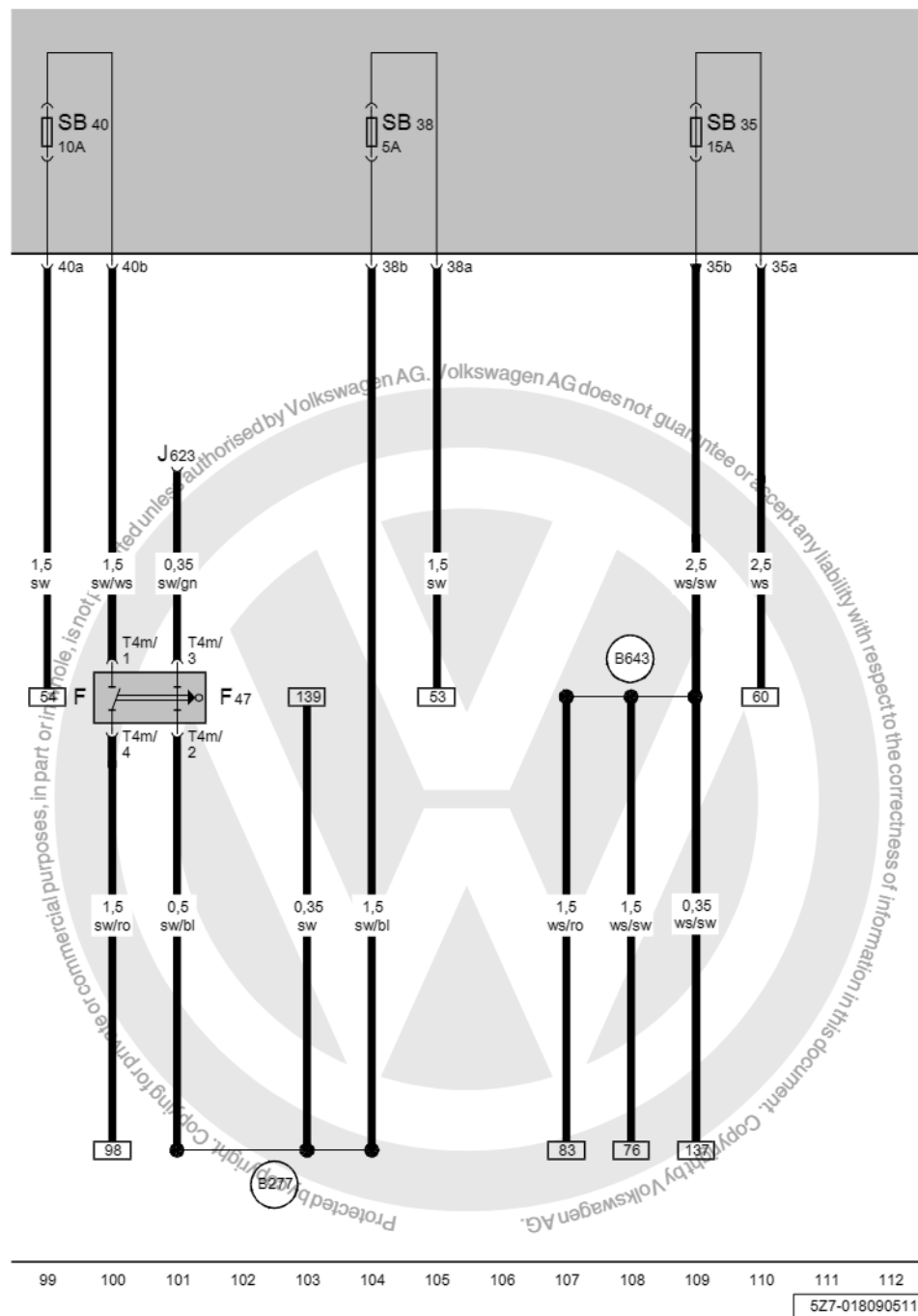
Right tail light lamp Left tail light lamp Left tail light lamp Left rear indicator light lamp Right rear indicator light lamp Left brake light bulb Right brake light bulb Left reversing light lamp Right reversing light lamp Lamp for 'brakelight'

- M2 Right tail light lamp
- M4 Left tail light lamp
- M6 Left rear indicator light lamp
- M8 Right rear indicator light lamp
- M9 Left brake light bulb
- M10 Right brake light bulb
- M16 Left reversing light lamp
- M17 Right reversing light lamp
- M25 Lamp for 'brakelight'
- T2du Fitting connector 2pin on lamp for 'brakelight'
- T5b Fitting connector 5pin behind rear left side lining near the wheelhouse
- T5p Fitting connector 5pin for Right tail light
- T5q Fitting connector 5pin for left tail light

- 21 Earth point near fuel pump
- 50 Earth point on left luggage compartment
- 98 Earth connection on rear lid wiring harness
- 372 Earth connection 7 in main harness
- 50 Connection 1 54 on main harness
- B336 Connection 2 54 on main harness



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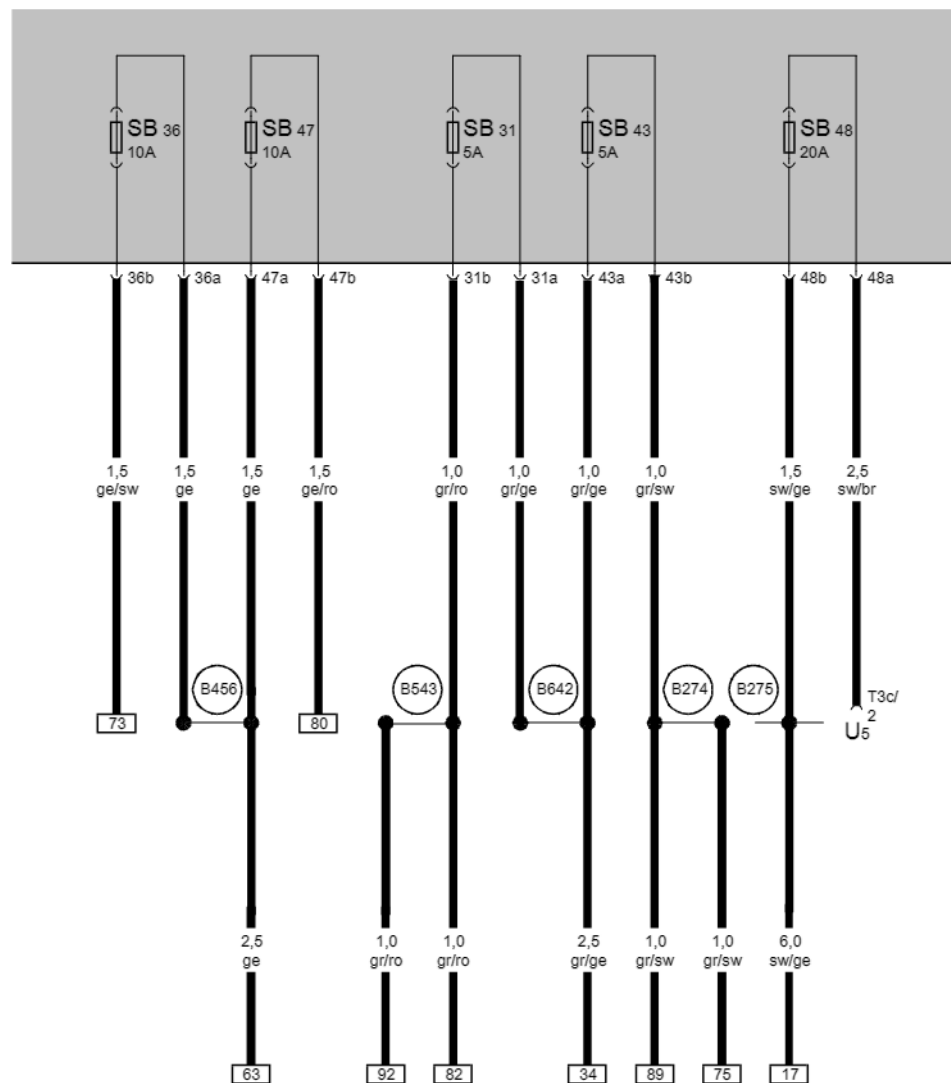
# Brake light switch Brake pedal switch

- F Brake light switch
- F47 Brake pedal switch
- J623 Engine control unit
- SB35 Fuse 35 on fuse holder B
- SB38 Fuse 38 on fuse holder B
- SB40 Fuse 40 on fuse holder B
- T4m Fitting connector 4pin on brake pedal switch

(B277) Positive connection 1 15a on main harness

(B643) Connection 2 56a on main harness

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 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 ge = yellow  
 or = orange  
 rs = pink



### Fuses

- U5 12volt socket
- SB31 Fuse 31 on fuse holder B
- SB36 Fuse 36 on fuse holder B
- SB43 Fuse 43 on fuse holder B
- SB47 Fuse 47 on fuse holder B
- SB48 Fuse 48 on fuse holder B
- T3c Fitting connector 3pin on 12volt socket

- B274 Positive connection 58L on main harness
- B275 Positive connection 87 on main harness
- B456 Connection 56b on main harness
- B543 Positive connection 58R on main harness
- B642 Positive connection 58 on main harness

- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

113 114 115 116 117 118 119 120 121 122 123 124 125 126

6Z7-018100511

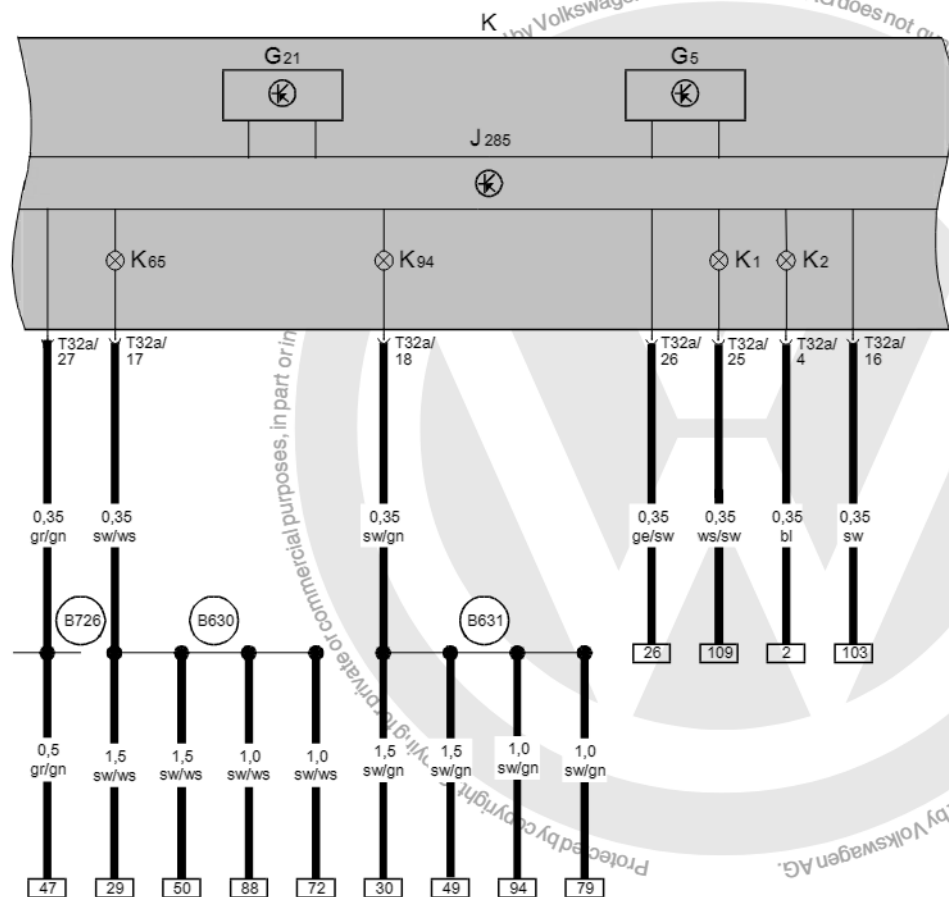
Tachometer Speedometer Control unit w indicator on the combined instrument Combined instrument High beam control light Alternator control light Left turn signal control light Right turn signal control light

- G5 Tachometer
- G21 Speedometer
- J285 Control unit w indicator on the combined instrument
- K Combined instrument
- K1 High beam control light
- K2 Alternator control light
- K65 Left turn signal control light
- K94 Right turn signal control light
- T32a Fitting connector 32 poles on Control unit w indicator on the combined instrument

B630 Connection turn signal left on main harness

605 Earth point in upper steering column area

606 Earth point under the centre console near the selection lever



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- bl = blue
- gr = grey
- li = purple
- ge = yellow
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127 128 129 130 131 132 133 134 135 136 137 138 139 140

5Z7-018110511

## Coming HomeLeaving Home with rain sensor

From March 2010

### Notes

For information about

◆ Location of relay and fuse

◆ Connectors

◆ Control units

◆ Earth points

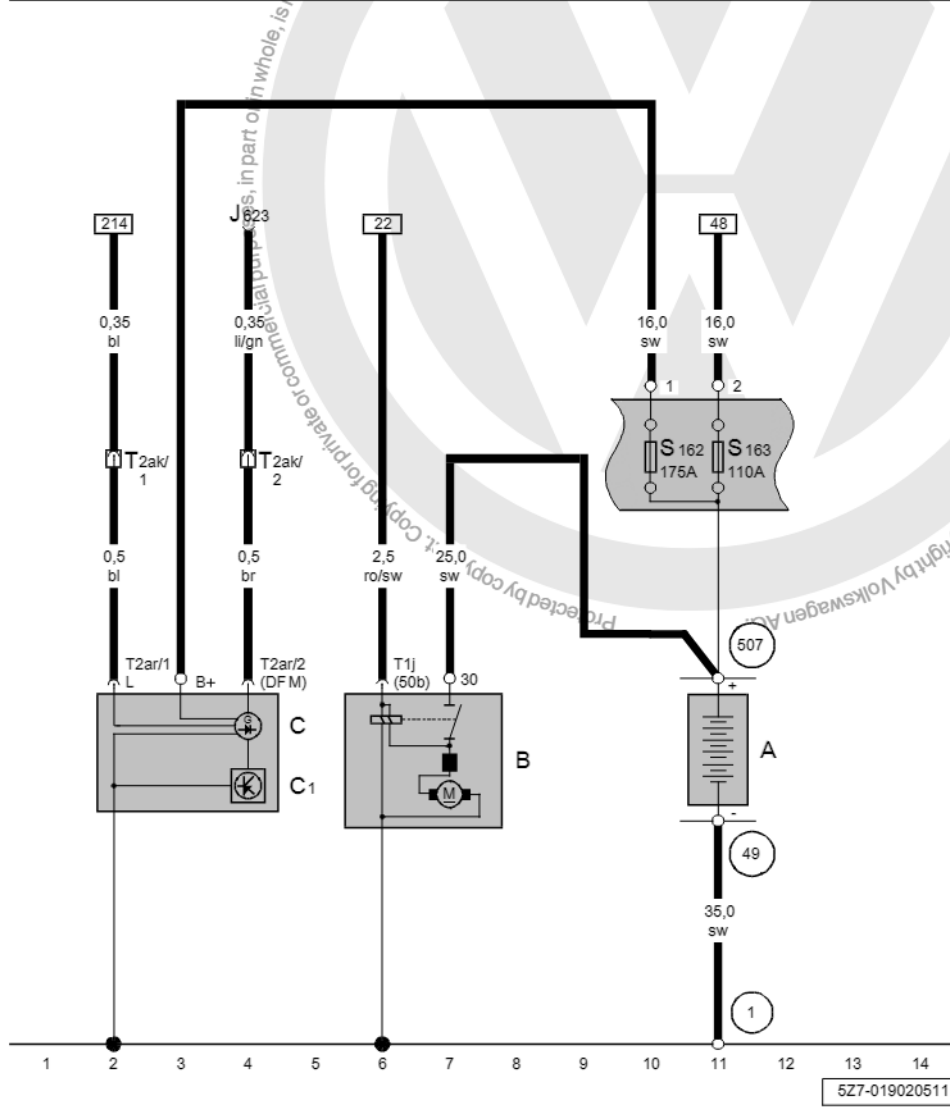
⇒ See fitting locations

For information about

◆ Assisted fault pinpointing

⇒ See Guided functions



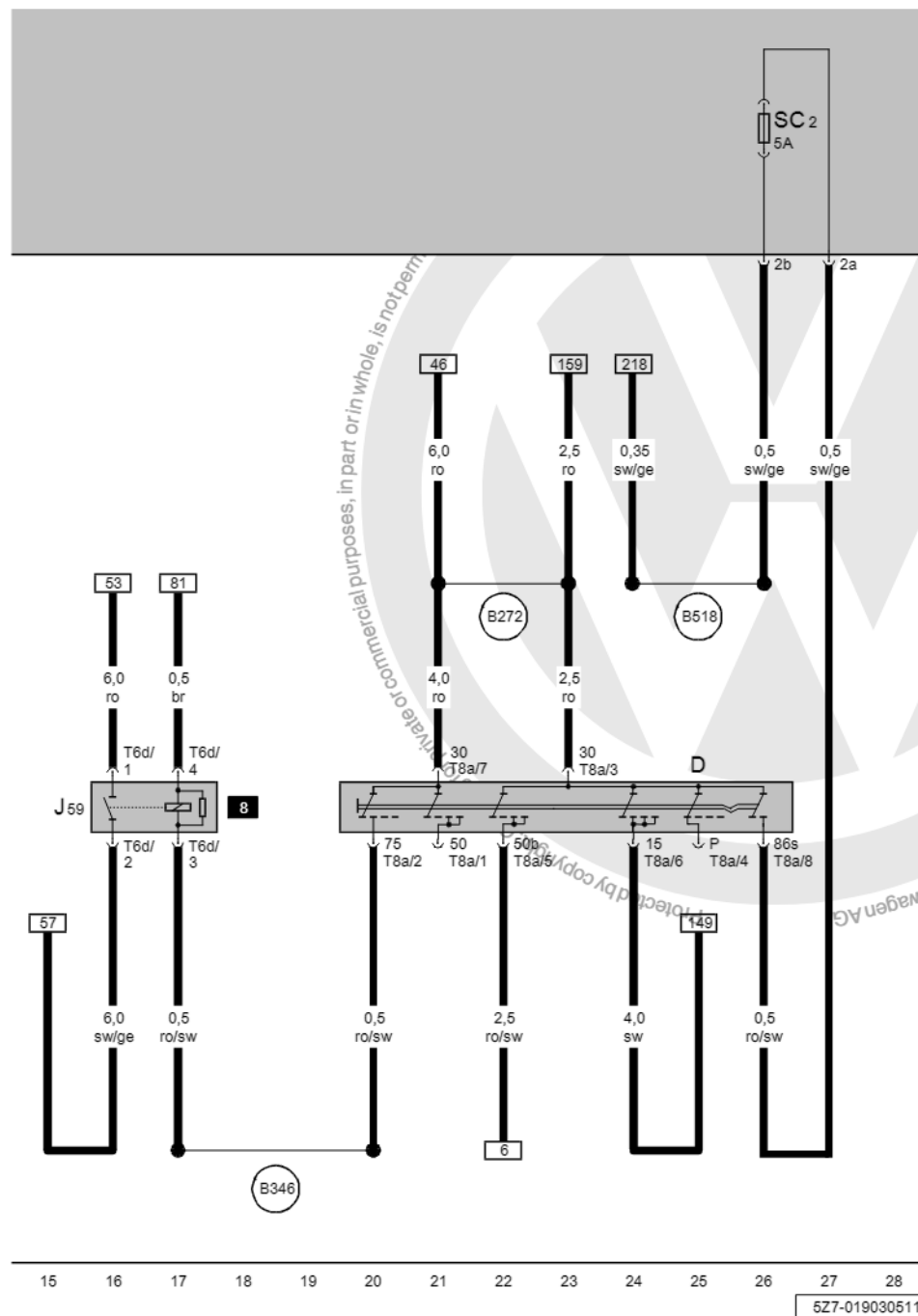


Battery Starter Generator Alternator Voltage regulator

- A Battery
- B Starter
- C Generator Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 30 in battery fuse holder
- S163 Fuse 2 30 in battery fuse holder
- T1j Fitting connector single on starter
- T2ak Fitting connector 2pin on engine compartment
- T2ar Fitting connector 2pin on generator alternator

- 1 Earth strap battery body
- 49 Earth point near the battery
- 507 Screw connection 30 battery fuse holder

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# Ignition switch Xcontact relief relay

- D Ignition switch
- J59 Xcontact relief relay
- SC2 Fuse 2 on fuse holder C
- T6d Fitting connector 6pin in Xcontact relief relay
- T8a Fitting connector 8pin on ignition switch

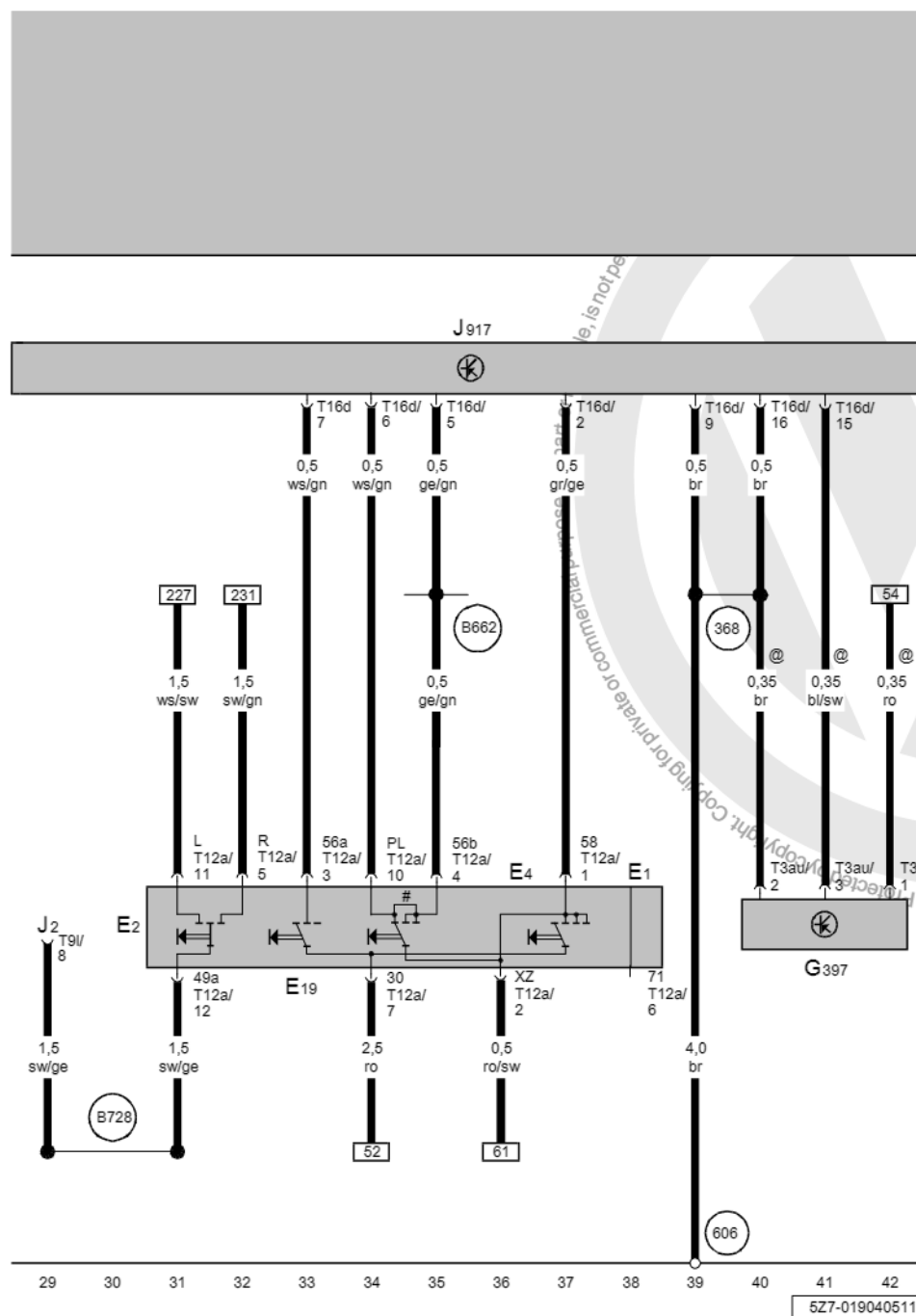
B272 Positive connection 30 on main harness

B275 Positive connection 87 on main harness

B346 Connection 1 75 on main harness

B518 Connection 86s on main harness

- ws = white
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Light switch Flashingturn light switch Headlight dipper and  
flasher switch Parking light switch Rain and light sensor  
Control unit of lights with windshield wiper functions

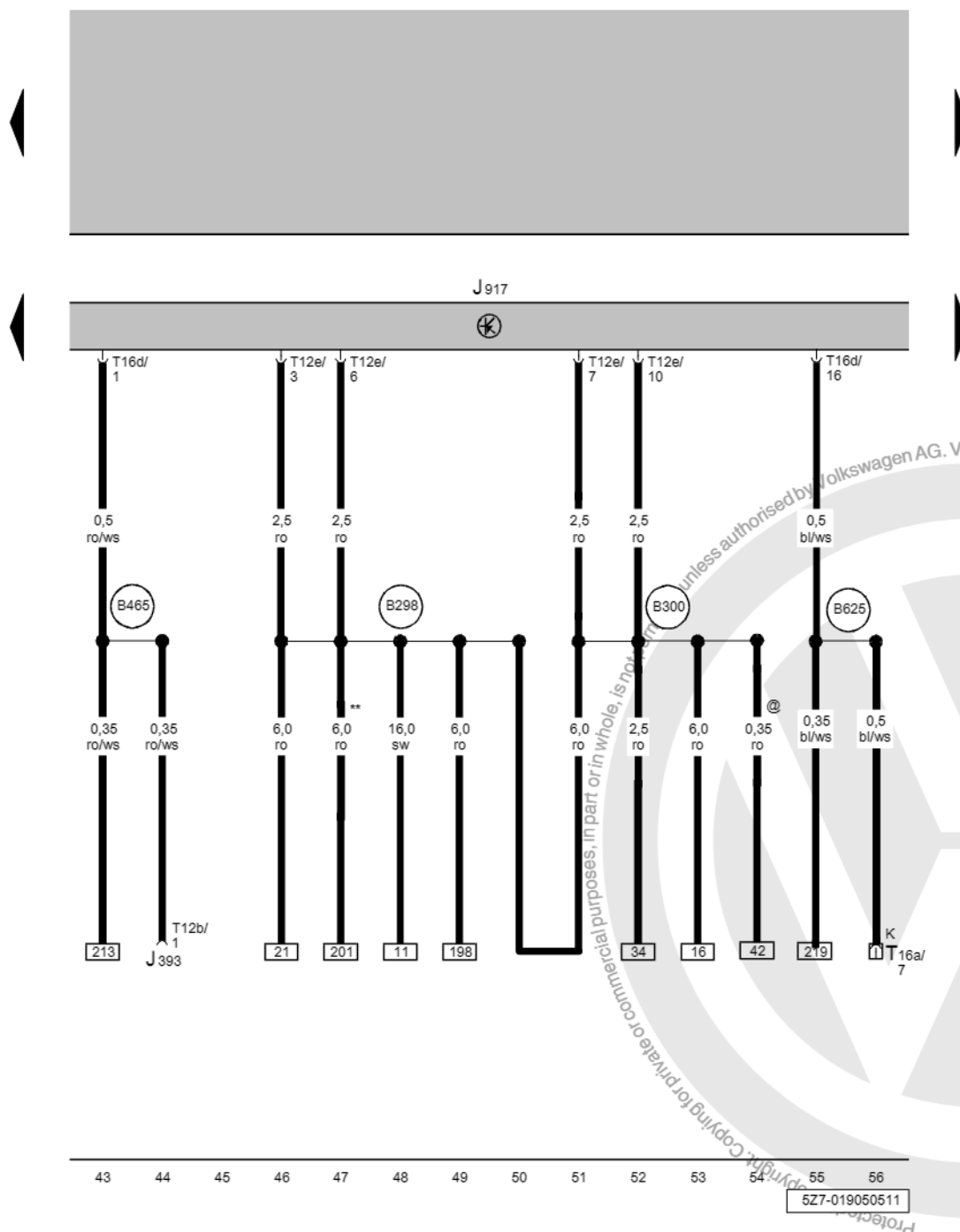
- E1 Light switch
- E2 Flashingturn light switch
- E4 Headlight dipper and flasher switch
- E19 Parking light switch
- G397 Rain and light sensor
- J2 Hazard warning light relay
- J917 Control unit of lights with windshield wiper functions
- T3au Fitting connector 3pin on rain and light sensor
- T9l Fitting connector 9pin on warning light relay
- T12a Fitting connector 12 poles in light switch
- T16d Fitting connector 16 poles on control unit of lights with windshield wiper functions

- 368 Earth connection 3 in main harness
- 606 Earth point under the centre console near the selection lever
- B662 Connection 2 56b on main harness
- B728 Connection 49a on main harness

Only for vehicles with automatic antidazzle interior mirror

ws = white  
sw = black  
ro = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
ge = yellow  
or = orange  
rs = pink





# Control unit for lighting and wiper functions

- J393 Central control unit for the convenience system
- J917 Control unit for lighting and wiper functions
- T12b Fitting connector 12 poles on central control unit for the convenience system
- T12e Fitting connector 12 poles on control unit of lights with windshield wiper functions
- T16a Fitting connector 16 poles in diagnosis
- T16d Fitting connector 16 poles on control unit of lights with windshield wiper functions selector lever

B298 Positive connection 2 30 on main harness

B300 Positive connection 4 30 on main harness

B465 Connection 1 on main harness

B625 Connection diagnostic cable K on main harness

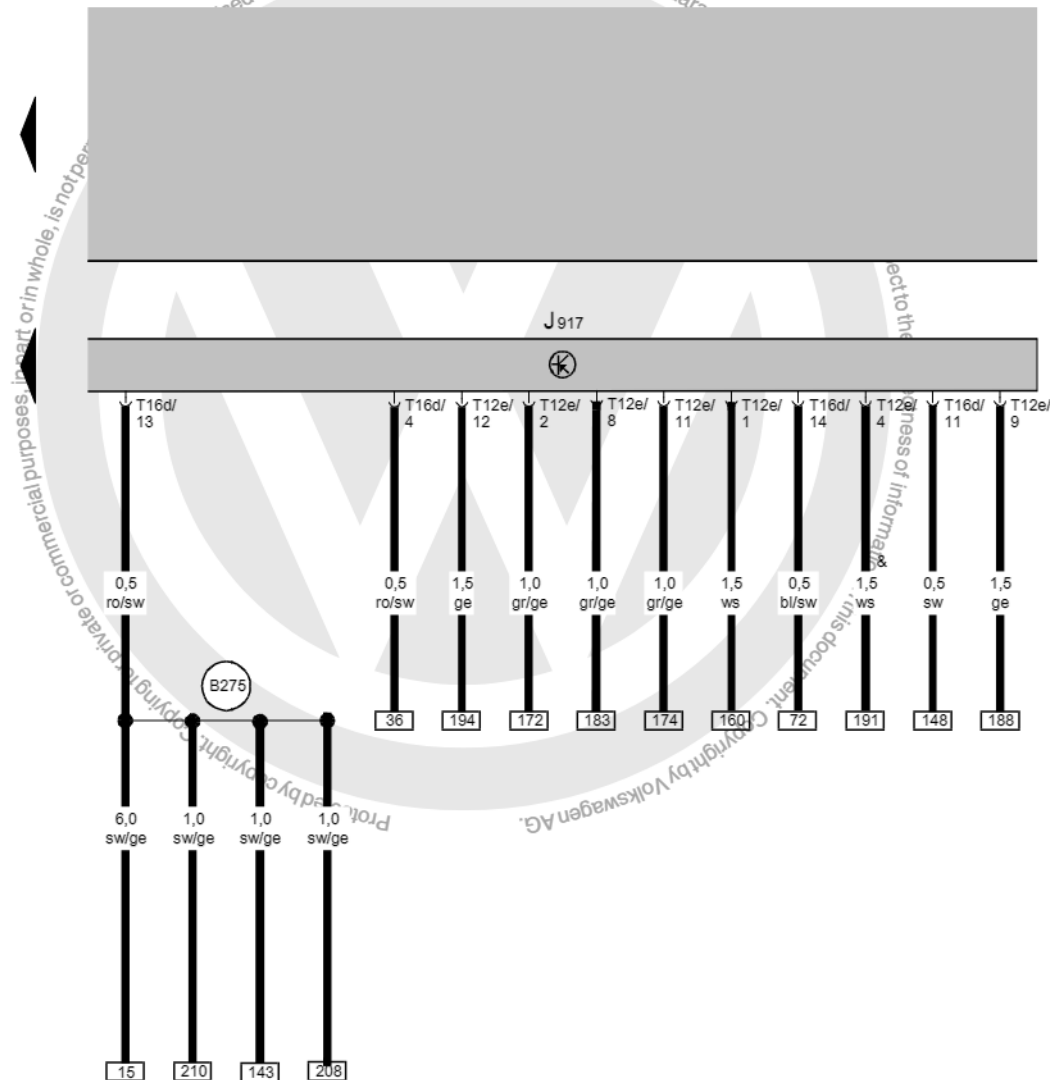
Only for vehicles with central locking

Only for vehicles with automatic antidazzle interior mirror

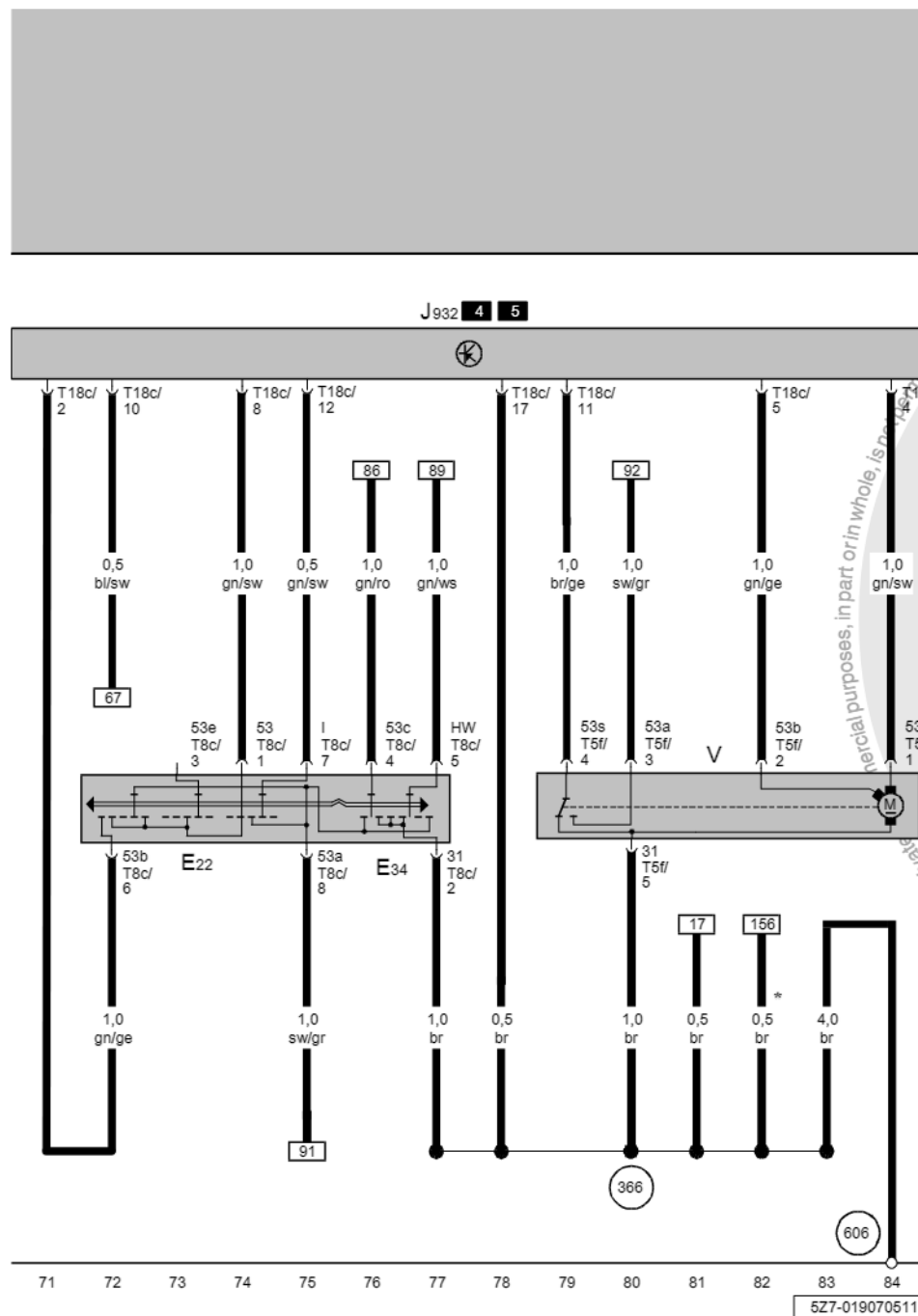
ws = white  
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# Control unit of lights with windshield wiper functions

- J917 Control unit of lights with windshield wiper functions
- T12e Fitting connector 12 poles on control unit of lights with windshield wiper functions
- T16d Fitting connector 16 poles on control unit of lights with windshield wiper functions
- B275 Positive connection 87 on main harness
- & Until May 2011



- ws = white
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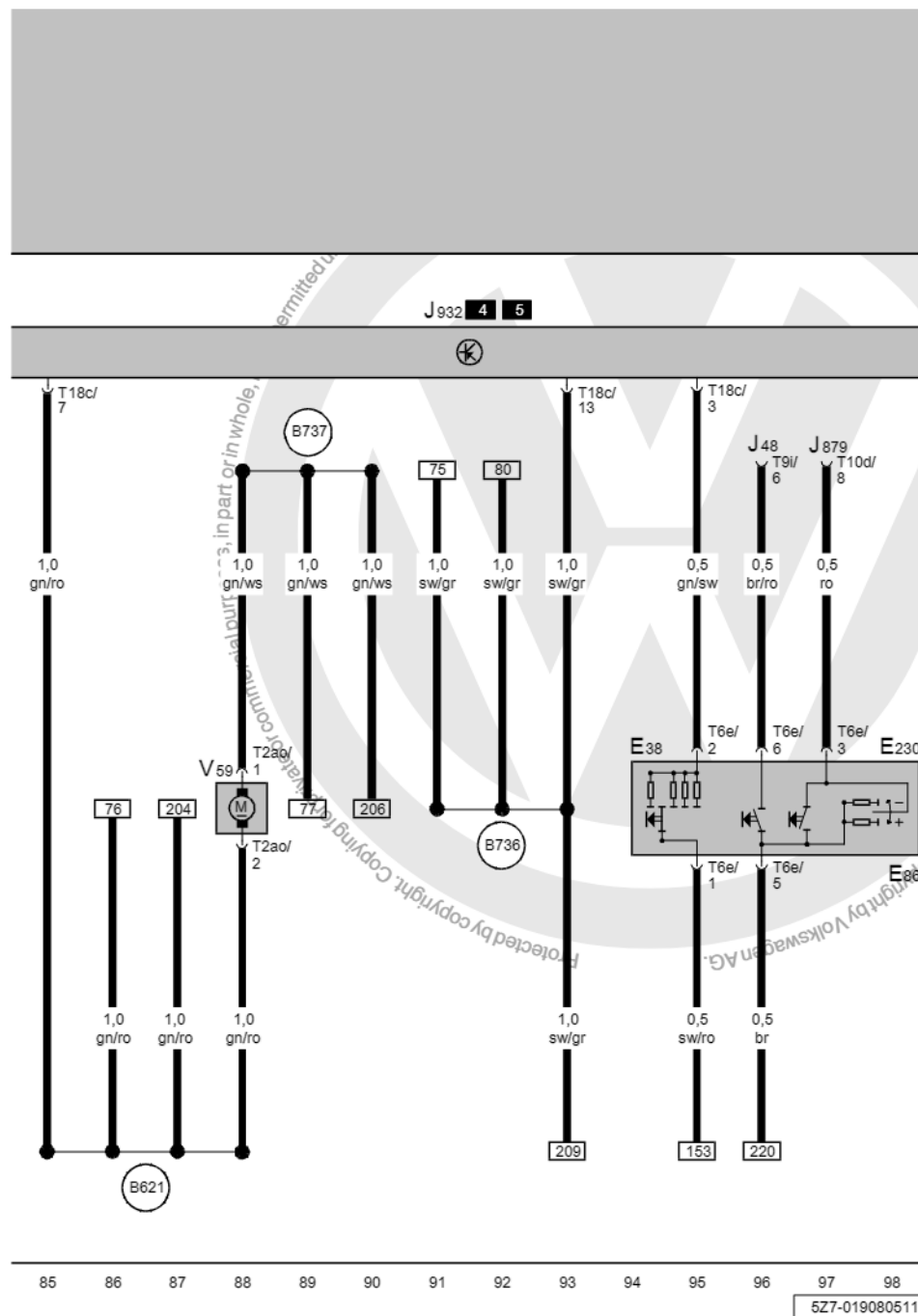


Windshield wiper timer switch intermittent operation Rear wiper switch Automatic intermittent washer and wipe control unit Windshield wiper motor

- E22 Windshield wiper timer switch intermittent operation
- E34 Rear wiper switch
- J932 Automatic intermittent wash and wipe control unit
- T5f Fitting connector 5pin in windshield wiper motor
- T8c Fitting connector 8pin on windshield wiper timer switch intermittent operation
- T18c Fitting connector 18 poles on automatic intermittent washer and wiper control unit
- V Windshield wiper motor

- 366 Earth connection 1 in main harness
- 606 Earth point under the centre console near the selection lever
- Only for CROSS vehicles

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Intermittent wiper regulator Multifunction display callup button Heater rear window switch Automatic intermittent wash and wipe control unit Windshield and rear window washer pump

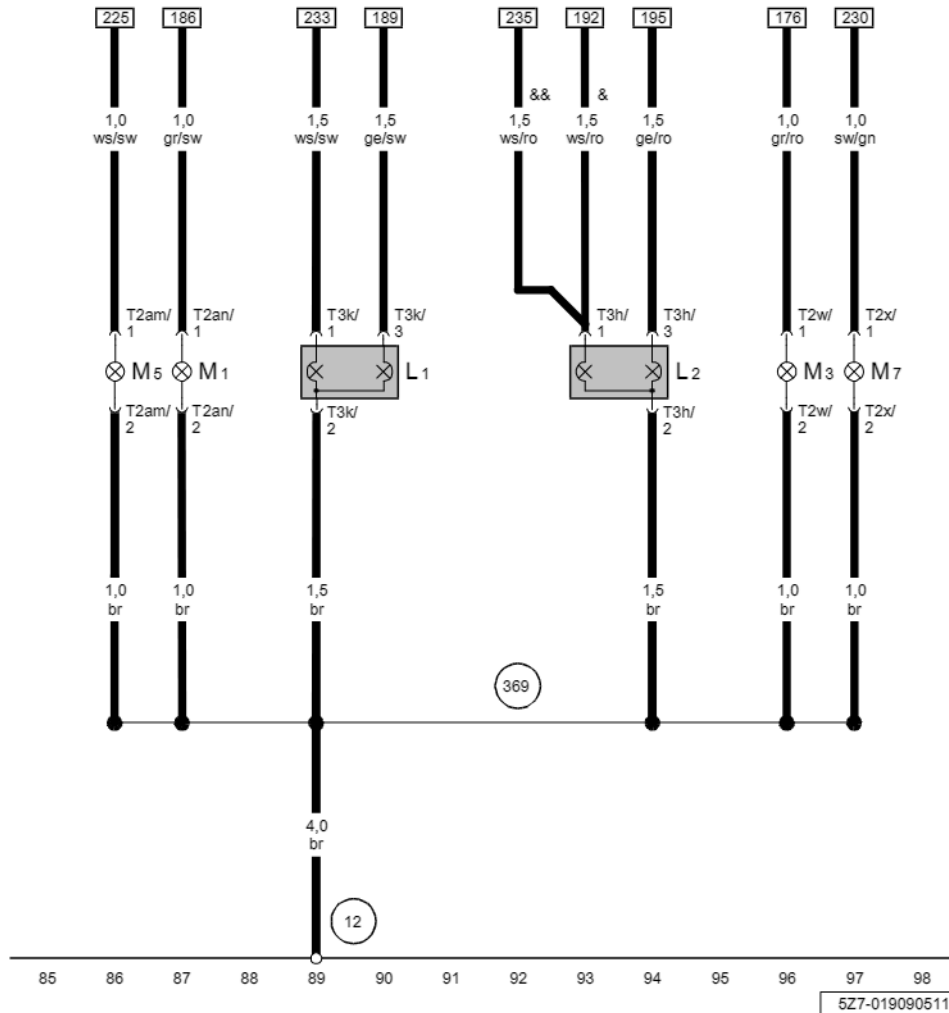
- E38 Intermittent wiper regulator
- E86 Multifunction display callup button
- E230 Heater rear window switch
- J48 Heater rear window control relay
- J879 Control unit for interactive system
- J932 Automatic intermittent wash and wipe control unit
- T2ao Fitting connector 2pin in windshield and rear window washer pump
- T6e Fitting connector 6pin on heated rear window switch
- T9i Fitting connector 9pin on heated rear window control relay
- T10d Fitting connector 10 poles on control unit for interactive system
- T18c Fitting connector 18 poles on automatic intermittent washer and wiper control unit
- V59 Windshield and rear window washer pump
- B621 Connection 1 53c on main harness
- B736 Positive connection 53a on main harness
- B737 Connection 2 53c on main harness

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bl = blue  
gr = grey  
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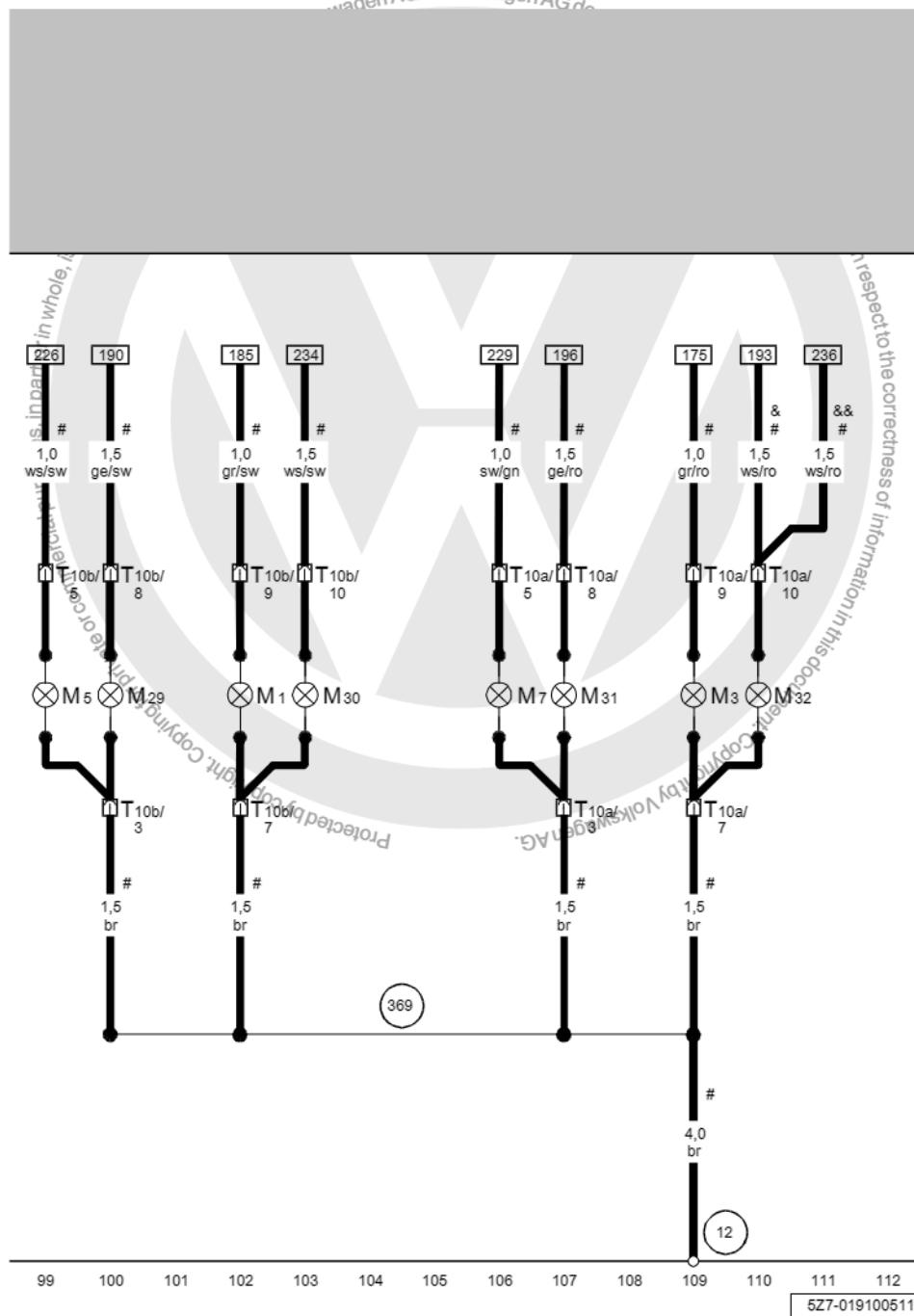
Left headlight twin filament bulb Right headlight twin filament bulb  
Left front side light lamp Right front side light lamp Left front indicator light lamp Right front indicator light lamp

- L1 Left headlight twin filament bulb
- L2 Right headlight twin filament bulb
- M1 Left front sidelight lamp
- M3 Right front sidelight lamp
- M5 Left front indicator light lamp
- M7 Right front indicator light lamp
- T3h Fitting connector 3pin on right headlight twin filament bulb
- T3k Fitting connector 3pin on left headlight twin filament bulb
- T2x Fitting connector 2pin in right front indicator light lamp
- T2w Fitting connector 2pin in right front sidelight lamp
- T2am Fitting connector 2pin in left front indicator light lamp
- T2an Fitting connector 2pin in left front sidelight lamp



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bl = blue  
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or = orange  
rs = pink

- 12 Earth point in engine compartment left
- 369 Earth connection 4 in main harness
- & Until May 2011
- && From May 2011



Left front side light lamp Right front side light lamp Left front indicator light lamp Right front indicator light lamp Left low beam lamp Left high beam lamp Right low beam lamp Right high beam lamp

- M1 Left front sidelight lamp
- M3 Right front sidelight lamp
- M5 Left front indicator light lamp
- M7 Right front indicator light lamp
- M29 Left low beam lamp
- M30 Left high beam lamp
- M31 Right low beam lamp
- M32 Right high beam lamp
- T10a Fitting connector 10 poles in right front indicator light lamp
- T10b Fitting connector 10 poles in left front indicator light lamp

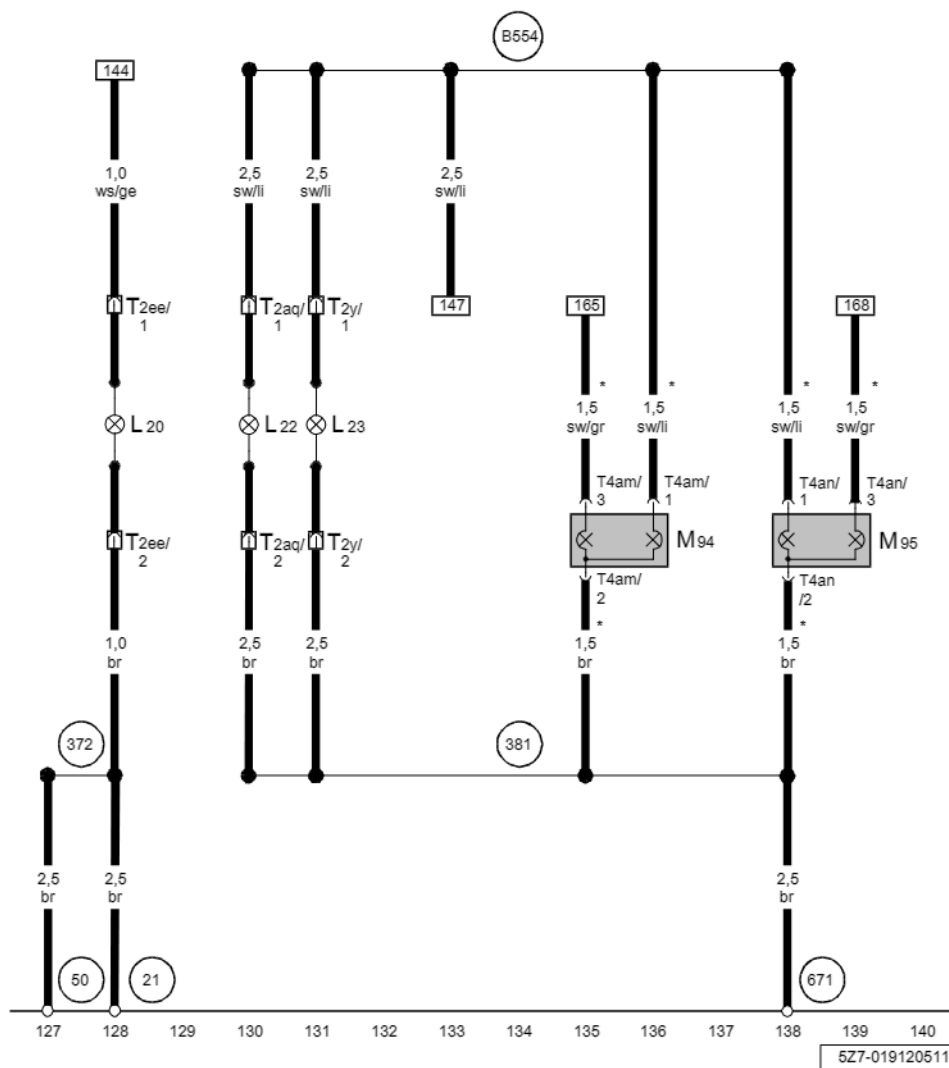
- 12 Earth point in engine compartment left
- 369 Earth connection 4 in main harness
- Only for vehicles with twin headlights
- & Until May 2011
- && From May 2011

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Reversing light switch Left fog light lamp Right fog light lamp

- |      |   |
|------|---|
| M2   | Right tail light lamp   |
| M4   | Left tail light lamp  |
| M6   | Left rear indicator light lamp  |
| M8   | Right rear indicator light lamp   |
| M9   | Left brake light bulb   |
| M10  | Right brake light bulb  |
| M16  | Left reversing light lamp   |
| M17  | Right reversing light lamp  |
| M25  | Lamp for 'brakelight'   |
| T2du | Fitting connector 2pin on lamp for 'brakelight'                         |
| T5b  | Fitting connector 5pin behind rear left side lining near the wheelhouse |
| T5p  | Fitting connector 5pin for Right tail light                             |
| T5q  | Fitting connector 5pin for left tail light                              |
| 21   | Earth point near fuel pump  |
| 50   | Earth point on left luggage compartment                                 |
| 98   | Earth connection on rear lid wiring harness                             |
| 372  | Earth connection 7 in main harness                                      |
| B335 | Connection 1 54 on main harness   |
- Only for CROSS vehicles



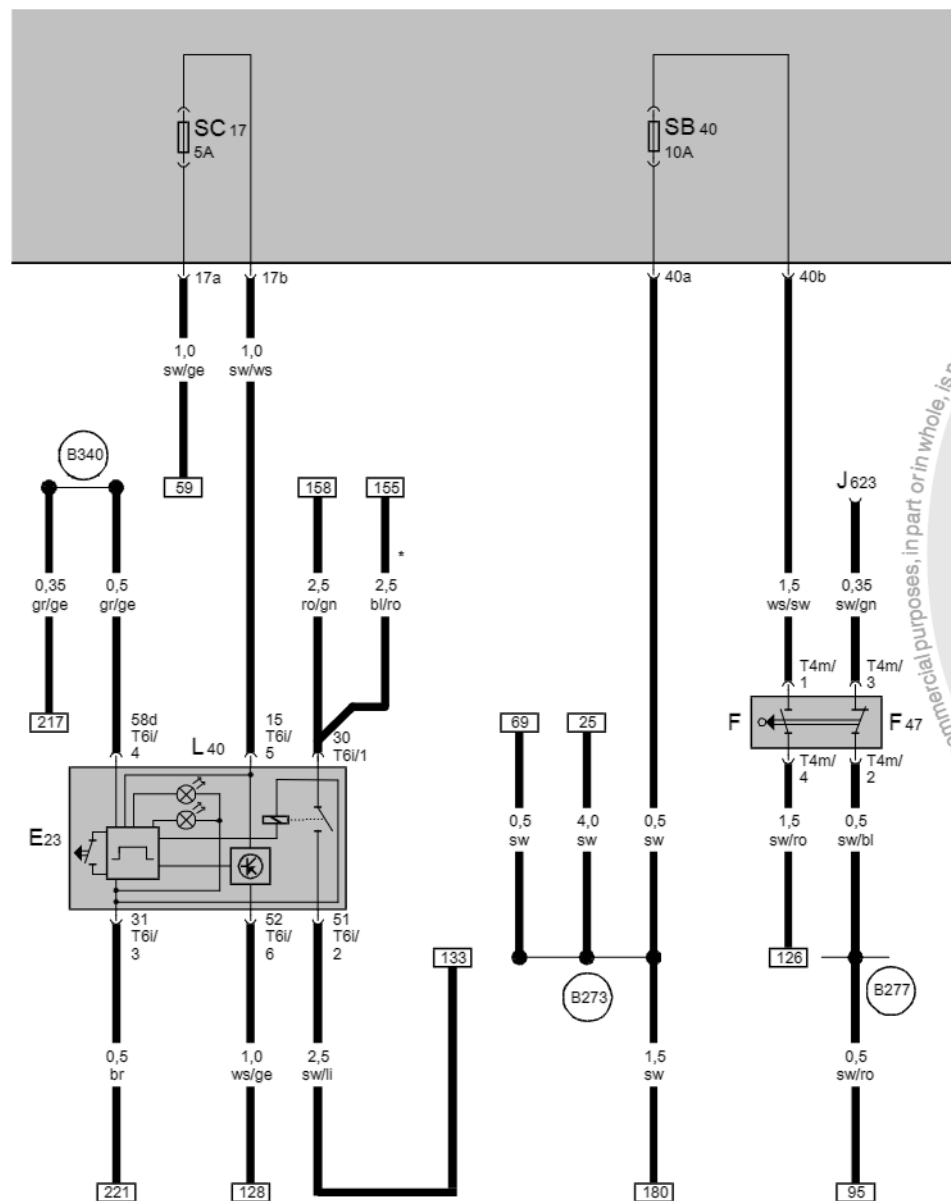
Rear fog light bulb Left fog light lamp Right fog light lamp  
Left main beam headlight and fog light bulb Right main beam  
headlight and fog light bulb

- L20 Rear fog light bulb
- L22 Left fog light lamp
- L23 Right fog light lamp
- M94 Left main beam headlight and fog light bulb
- M95 Right main beam headlight and fog light bulb
- T2y Fitting connector 2pin in right fog light lamp
- T2aq Fitting connector 2pin in left fog light lamp
- T2ee Fitting connector 2pin in Rear fog light lamp
- T4am Fitting connector 4pin on left main beam headlight and fog light bulb
- T4an Fitting connector 4pin on right main beam headlight and fog light bulb

- 21 Earth point near fuel pump
  - 50 Earth point on left luggage compartment
  - 372 Earth connection 7 in main harness
  - 381 Earth connection 16 in main harness
  - 671 Earth point 1 on left front longitudinal member
  - B554 Connection fog light on main harness
- Only for CROSS vehicles

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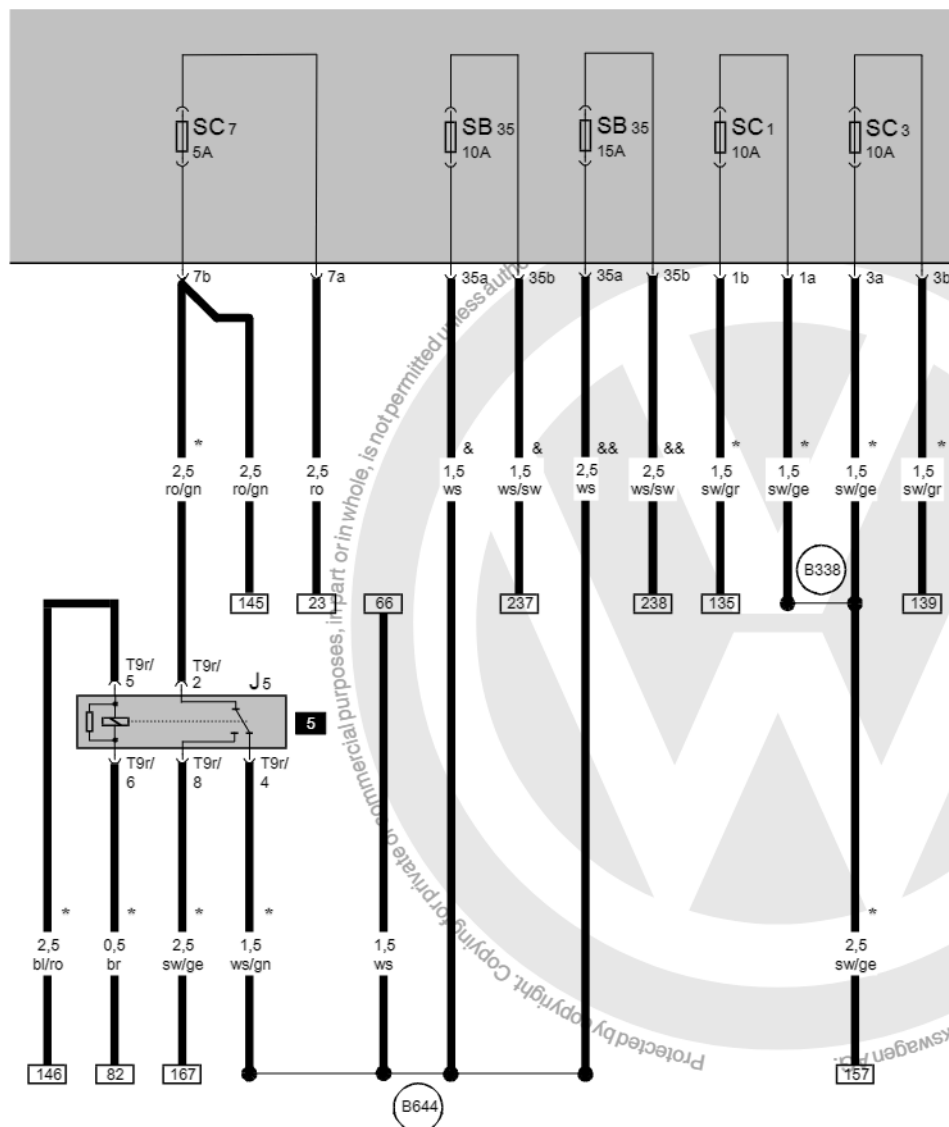
Automatic intermittent washer and wiper relay  
Automatic intermittent washer and wiper control unit  
Windshield wiper motor

- E23 Front and rear fog light switch
- F Brake light switch
- F47 Brake pedal switch
- J623 Engine control unit
- L40 Front and rear fog light switch illumination bulb
- SB40 Fuse 40 on fuse holder B
- SC17 Fuse 17 on fuse holder C
- T4m Fitting connector 4pin on brake pedal switch
- T6i Fitting connector 6pin in front and rear fog light switch

- B273 Positive connection 15 on main harness
- B277 Positive connection 1 15a on main harness
- B340 Connection 1 58d on main harness

Only for CROSS vehicles

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- bl = blue
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- rs = pink



### Fog light relay

- J5 Fog light relay
- SB35 Fuse 35 on fuse holder B
- SC1 Fuse 1 on fuse holder C
- SC3 Fuse 3 on fuse holder C
- SC7 Fuse 7 on fuse holder C
- T9r Fitting connector 9pin in fog light relay

B338 Connection 1 56 on main harness

B644 Connection 3 56a on main harness

Only for CROSS vehicles

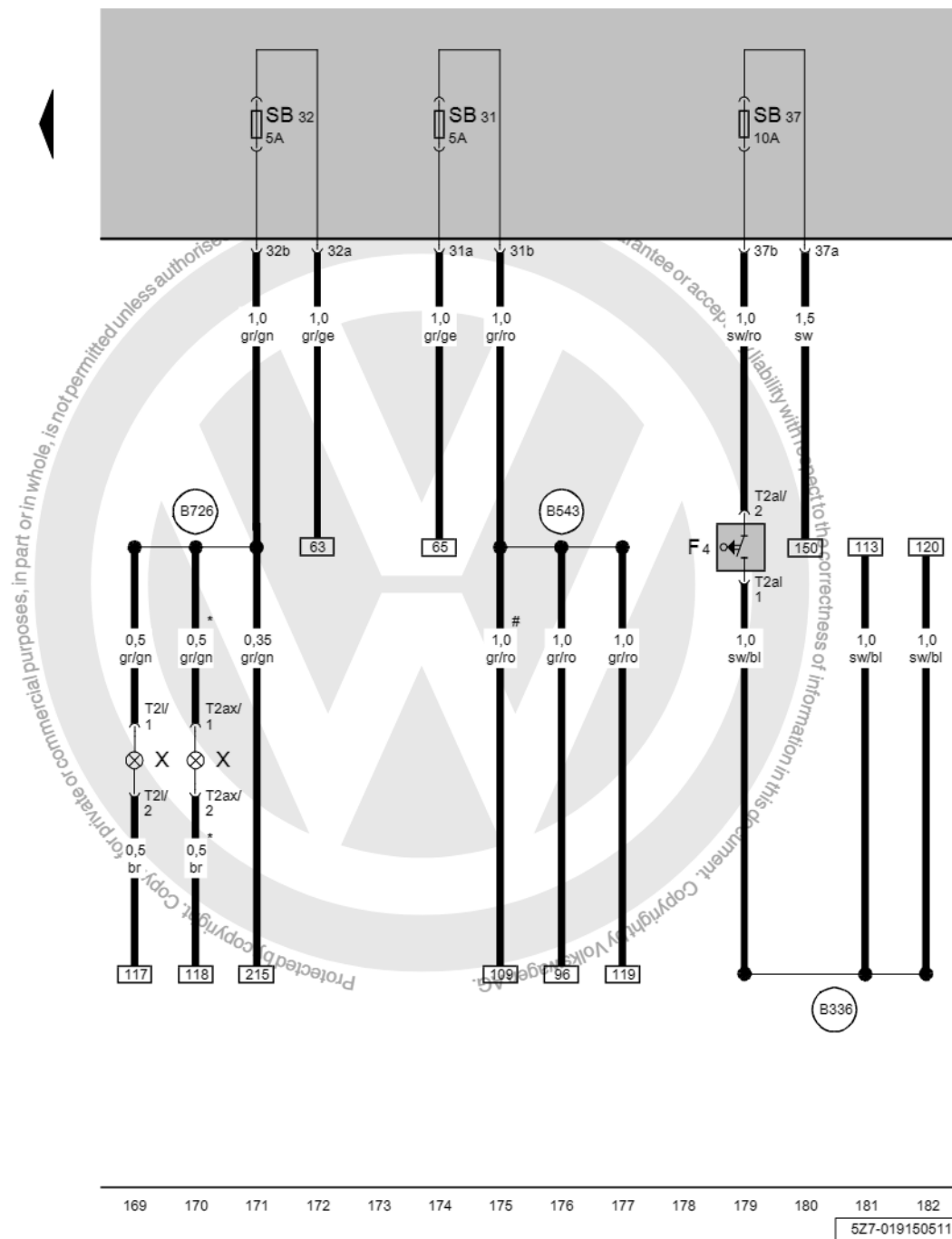
& Until May 2011

&& From May 2011

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 ge = yellow  
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 rs = pink

155 156 157 158 159 160 161 162 163 164 165 166 167 168

5Z7-019140511



# Reversing light switch License plate light

- F4 Reversing light switch
- SB31 Fuse 31 on fuse holder B
- SB32 Fuse 32 on fuse holder B
- SB37 Fuse 37 on fuse holder B
- T2I Fitting connector 2pin in license plate light
- T2al Fitting connector 2pin on reversing light switch
- T2ax Fitting connector 2pin in license plate light
- X License plate light

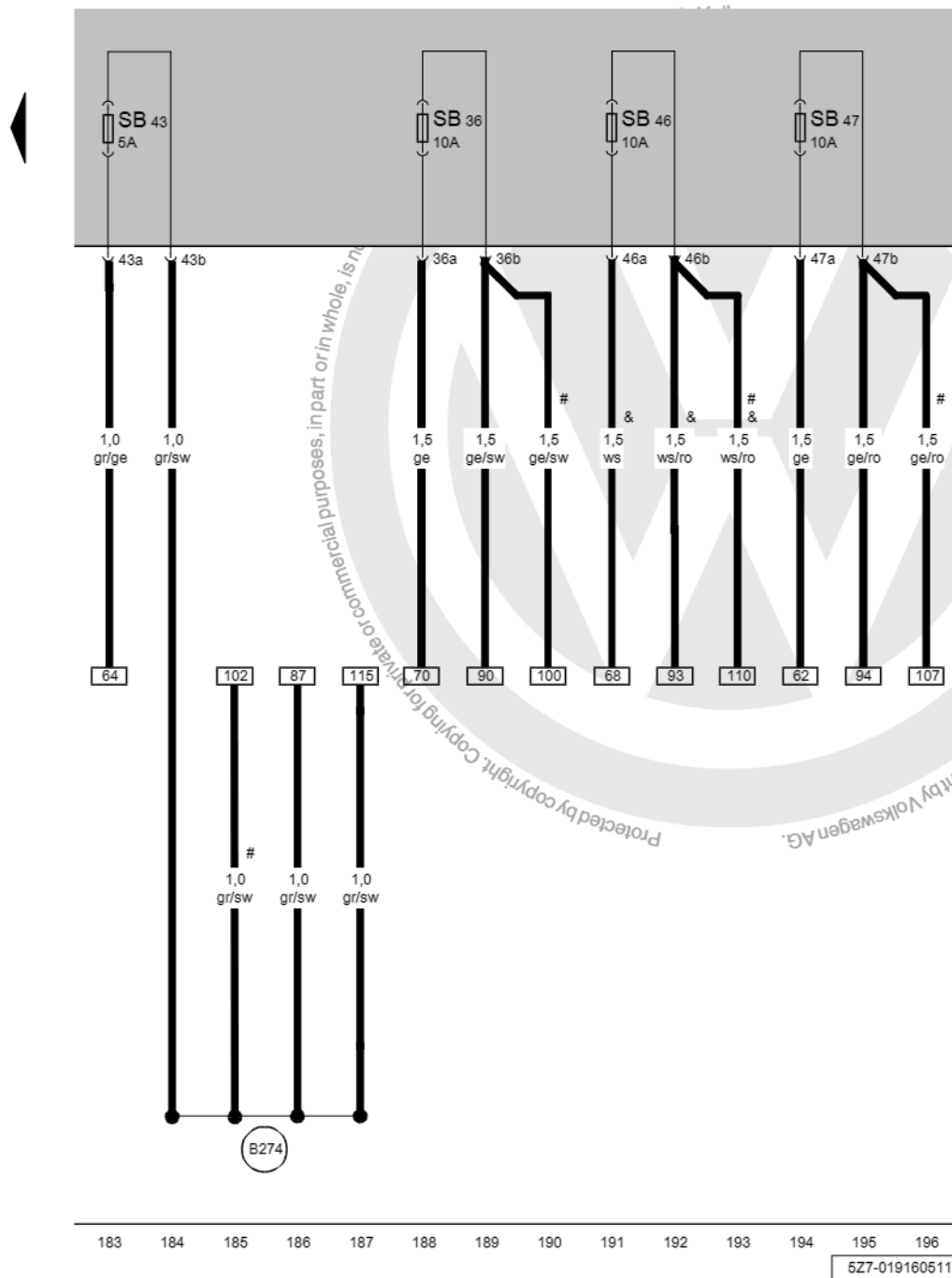
B336 Connection 2 54 on main harness

B543 Positive connection 58R on main harness

B726 Positive connection 2 58 on main harness

Only for vehicles with twin headlights

Only for CROSS vehicles

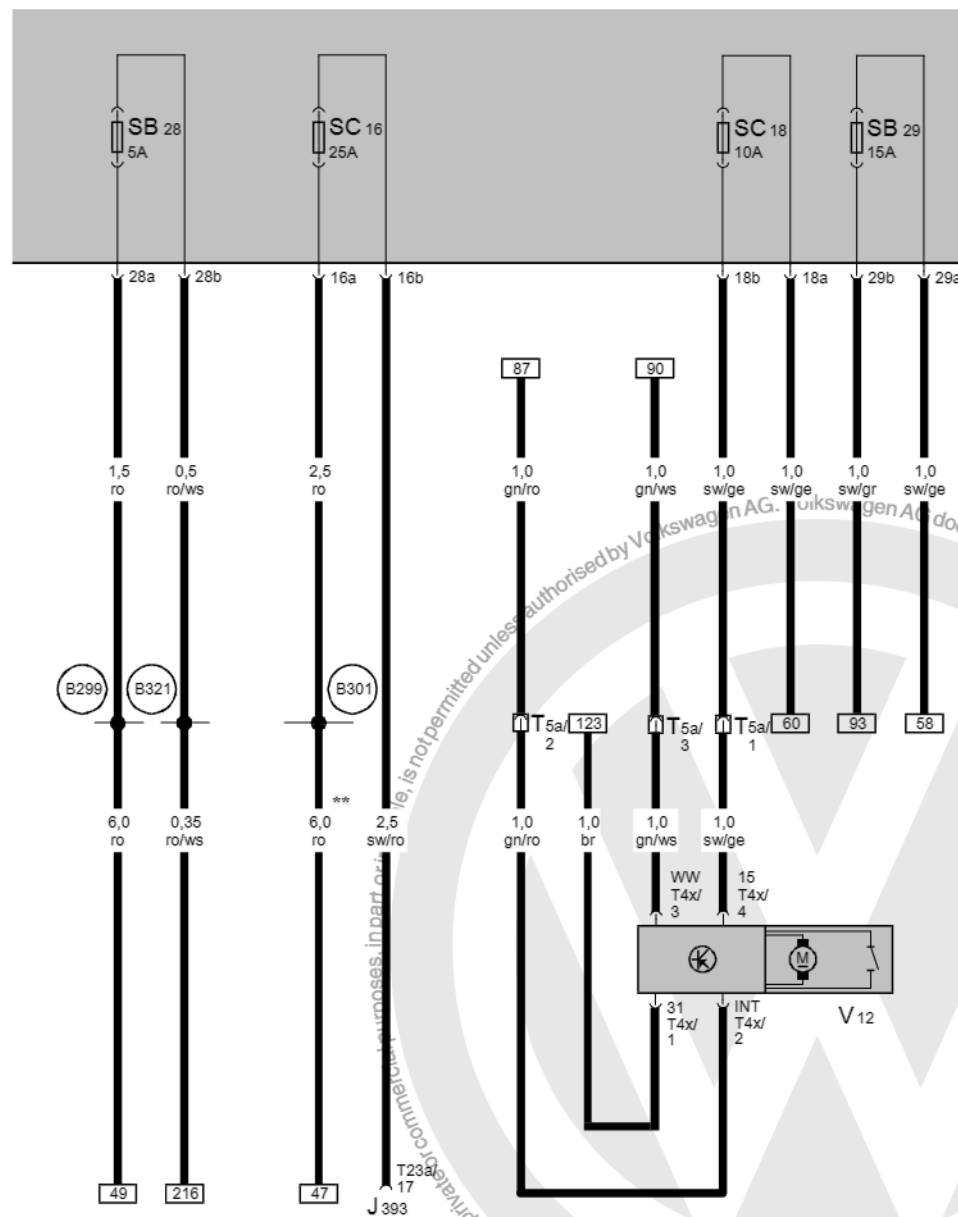


## Fuses

- SB36 Fuse 36 on fuse holder B
- SB43 Fuse 43 on fuse holder B
- SB46 Fuse 46 on fuse holder B
- SB47 Fuse 47 on fuse holder B

(B274) Positive connection 58L on main harness

& Until May 2011  
Twin headlights vehicles only



### Rear window wiper motor

- J393 Central control unit for the convenience system
  - SC16 Fuse 16 on fuse holder C
  - SC18 Fuse 18 on fuse holder C
  - SB28 Fuse 28 on fuse holder B
  - SB29 Fuse 29 on fuse holder B
  - T4x Fitting connector 4pin on rear window wiper motor
  - T5a Fitting connector 5pin behind rear left side lining near the wheelhouse
  - T23a Fitting connector 23 poles on central control unit for the convenience system
  - V12 Rear window wiper motor
  - (B299) Positive connection 3 30 on main harness
  - (B301) Positive connection 5 30 on main harness
  - (B321) Positive connection 7 30a on main harness
- Only for vehicles with central locking

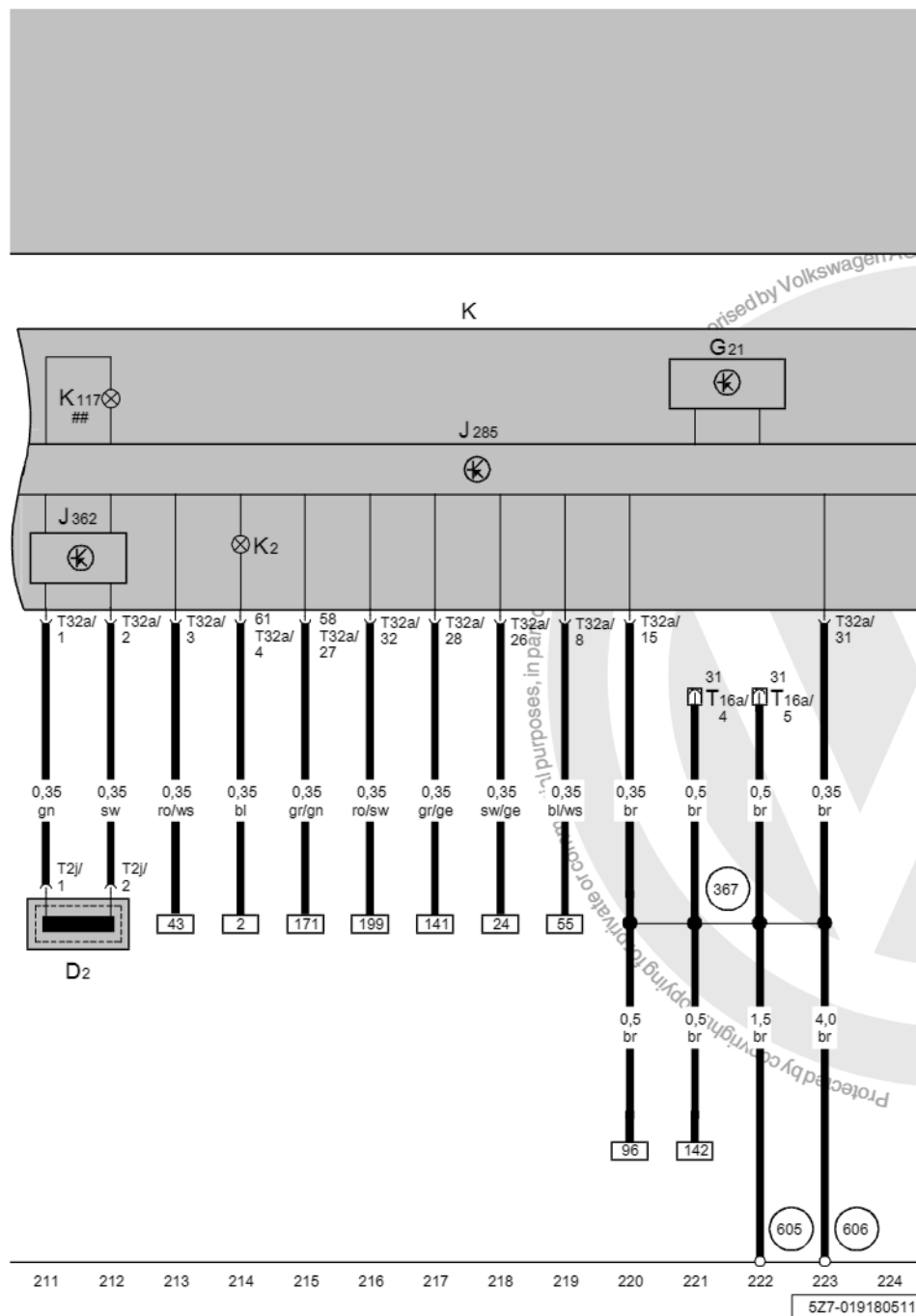
ws = white  
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 ro = red  
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Immobilizer reading coil Speedometer Control unit w indicator on the combined instrument Immobilizer control unit Combined instrument Alternator control light Immobilizer warning lamp

- D2 Immobilizer reading coil
- G21 Speedometer
- J285 Control unit w indicator on the combined instrument
- J362 Immobilizer control unit
- K Combined instrument
- K2 Alternator control light
- K117 Immobilizer control light
- T2j Fitting connector 2pin in Immobilizer reading coil
- T16a Fitting connector 16 poles in diagnosis
- T32a Fitting connector 32 poles on Control unit w indicator on the combined instrument

- 367 Earth connection 2 in main harness
- 605 Earth connection 4 in main harness
- 606 Earth point under the centre console near the selection lever

Until December 2010



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 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 ge = yellow  
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5Z7-019180511

Tachometer Control unit w indicator on the combined instrument  
 Combined instrument High beam control light Left turn signal control light Right turn signal control light

- G5 Tachometer
- J285 Control unit w indicator on the combined instrument
- K Combined instrument
- K1 High beam control light
- K65 Left turn signal control light
- K94 Right turn signal control light
- T32a Fitting connector 32 poles on Control unit w indicator on the combined instrument

B630 Connection turn signal left on main harness

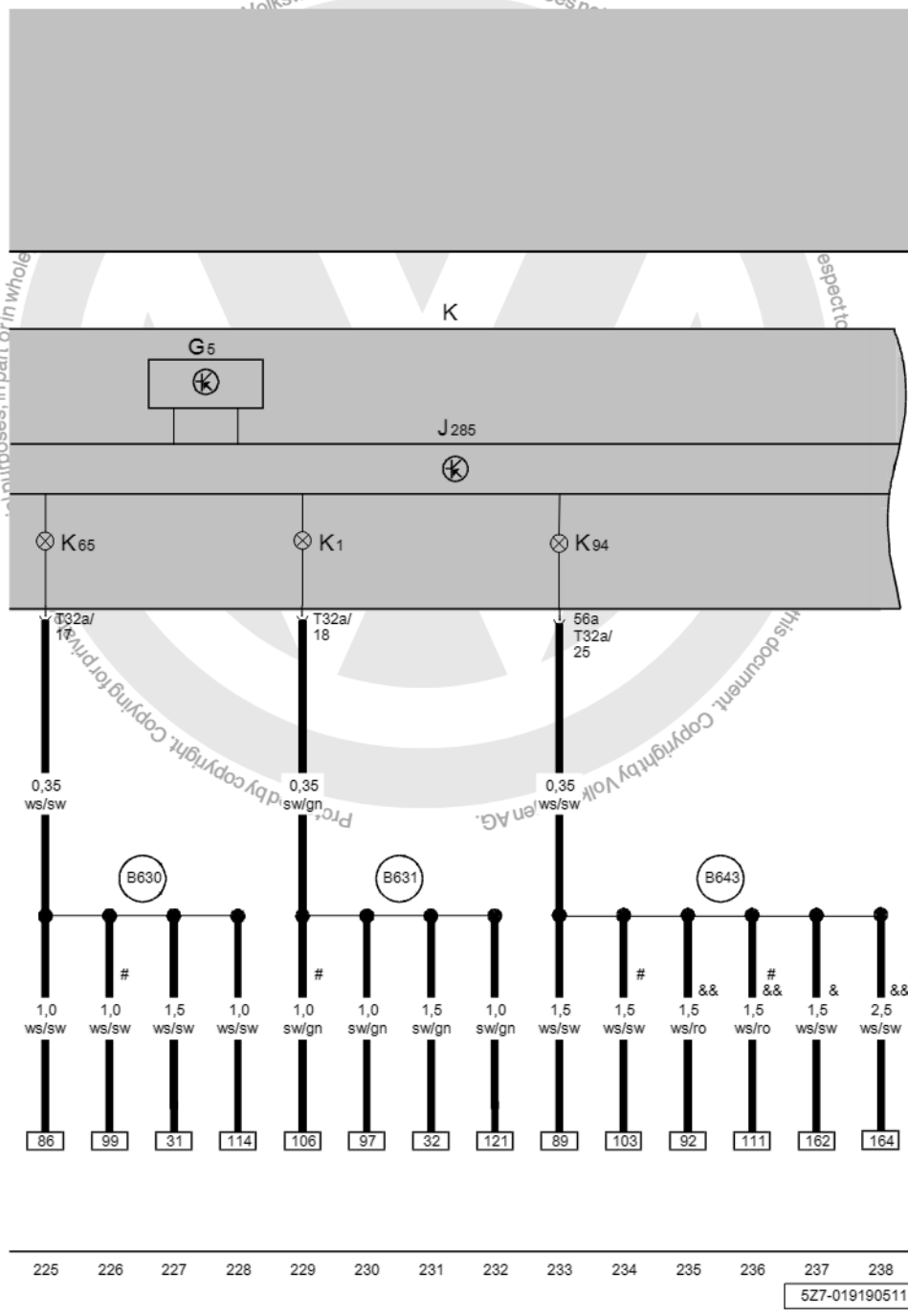
B631 Connection turn signal right on main harness

B643 Connection 2 56a on main harness

Only for vehicles with twin headlights

& Until May 2011

&& From May 2011



## Air conditioning Valeo Control Unit

From May 2011

### Notes

For information about

◆ Location of relay and fuse

◆ Connectors

◆ Control units

◆ Earth points

⇒ See fitting locations

For information about

◆ Assisted fault pinpointing

⇒ See Guided functions



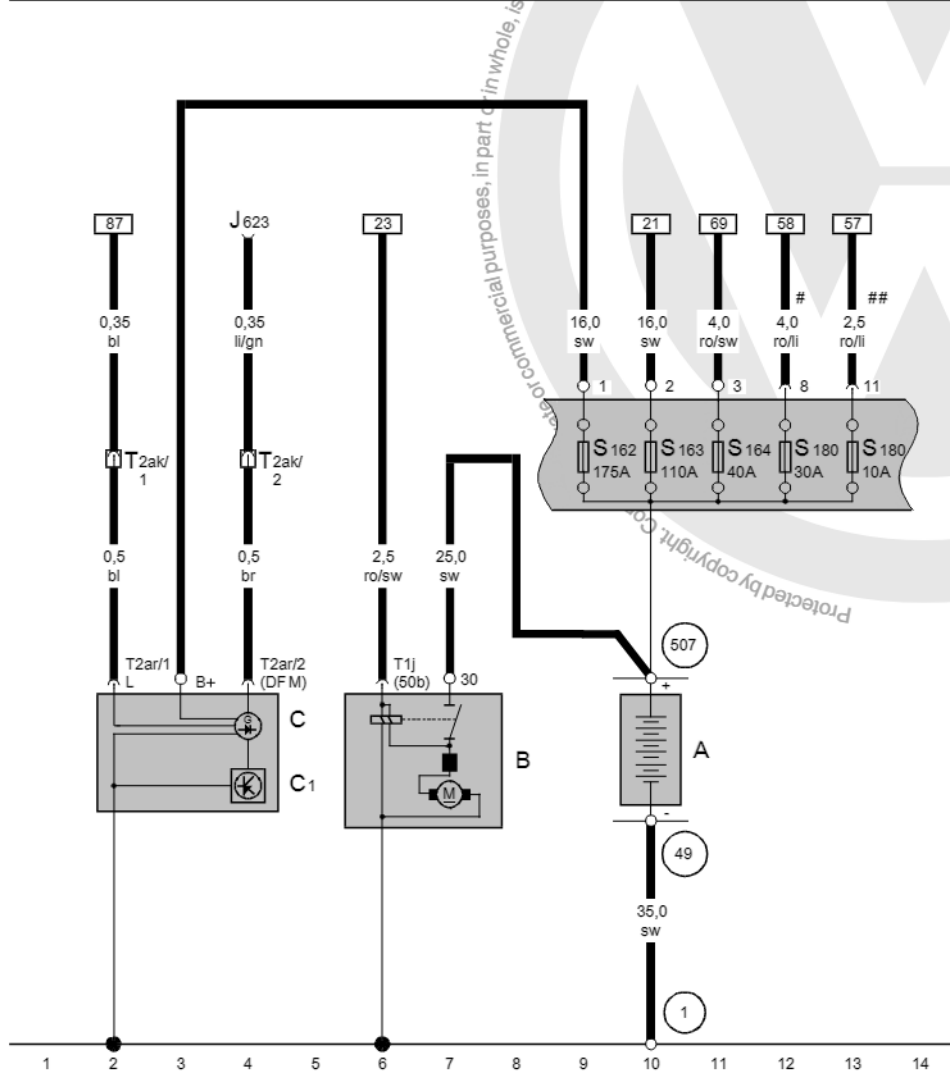




Battery Starter Generator Alternator Voltage regulator

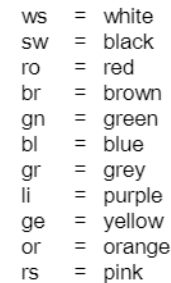
- A Battery
- B Starter
- C Generator Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 30 in battery fuse holder
- S163 Fuse 2 30 in battery fuse holder
- S164 Fuse 3 30 in battery fuse holder
- S180 Fuse 8 30 in battery fuse holder
- T1J Fitting connector single on starter
- T2ak Fitting connector 2pin on engine compartment
- T2ar Fitting connector 2pin on generator alternator

- 1 Earth strap battery body
- 49 Earth point near the battery
- 507 Screw connection 30 battery fuse holder



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5Z7-020020511



366	Earth connection 1 in main harness
606	Earth point under the centre console near the selection lever
B272	Positive connection 30 on main harness
B298	Positive connection 2 30 on main harness
B300	Positive connection 4 30 on main harness
B346	Connection 1 75 on main harness
	Only for vehicles with convenience system

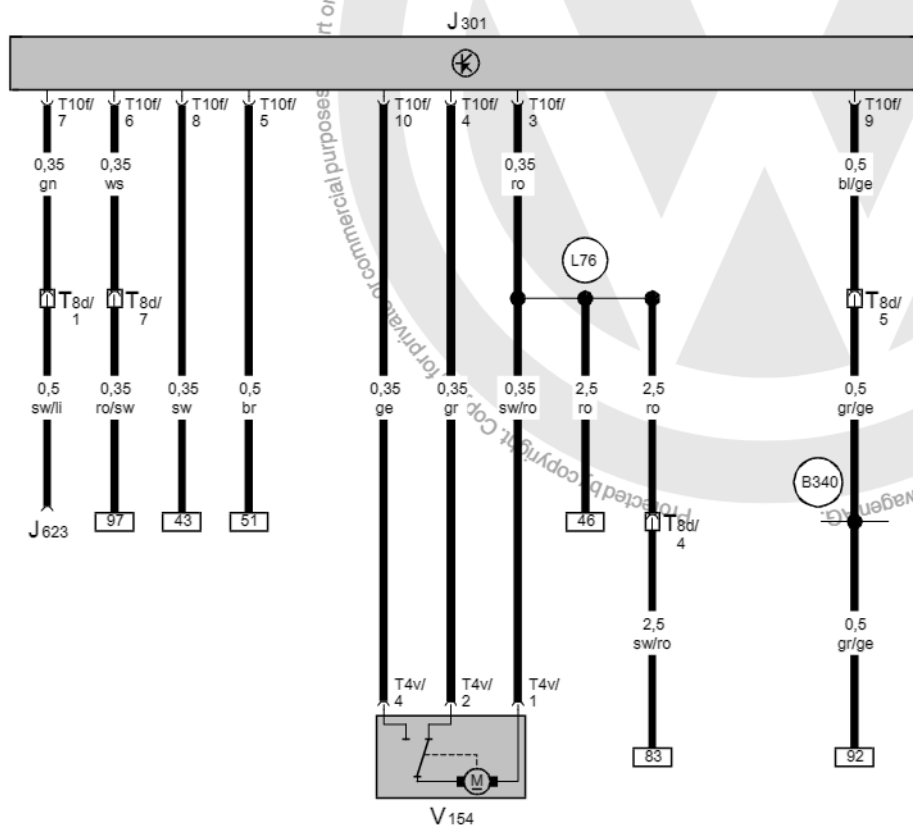


# Air conditioning system control unit Fresh air valve and recirculation valve control motor

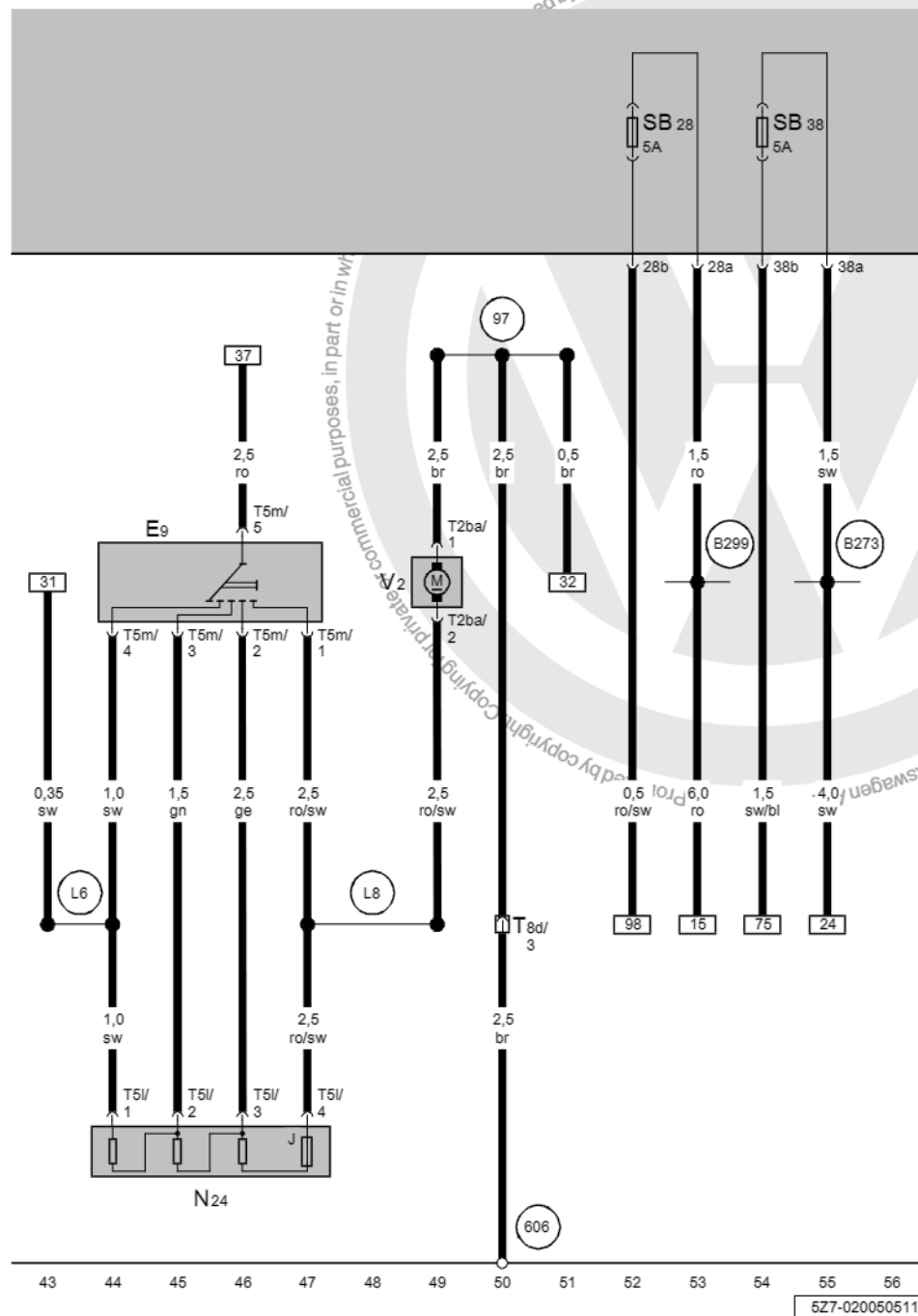
- J301 Air conditioning system control unit
- J623 Engine control unit
- T4v Fitting connector 4pin on control motor for the fresh air valve and the recirculation valve
- T8d Fitting connector 8pin on behind dash panel centre
- T10f Fitting connector 10 poles on Air conditioning system control unit
- V154 Control motor for the fresh air valve and the recirculation valve

B340 Connection 1 58d on main harness

L76 Connection 87 on air conditioning wiring harness



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Rear fresh air blower switch Fresh air blower series resistor with overheating fuse Fresh air blower

- E9 Fresh air blower switch
- N24 Fresh air blower series resistor with overheating fuse
- SB28 Fuse 28 on fuse holder B
- SB38 Fuse 38 on fuse holder B
- T2ba Fitting connector 2pin on fresh air blower
- T5l Fitting connector 5pin on fresh air blower series resistor with overheating fuse
- T5m Fitting connector 5pin on fresh air blower switch
- T8d Fitting connector 8pin on behind dash panel centre
- V2 Fresh air fan

- 97 Earth connection 1 on air conditioning wiring harness
- 606 Earth point under the centre console near the selection lever
- B273 Positive connection 15 on main harness
- B299 Positive connection 3 30 on main harness
- L6 Connection 2 on wiring harness for box of the air conditioning
- L8 Connection 4 on wiring harness for box of the air conditioning

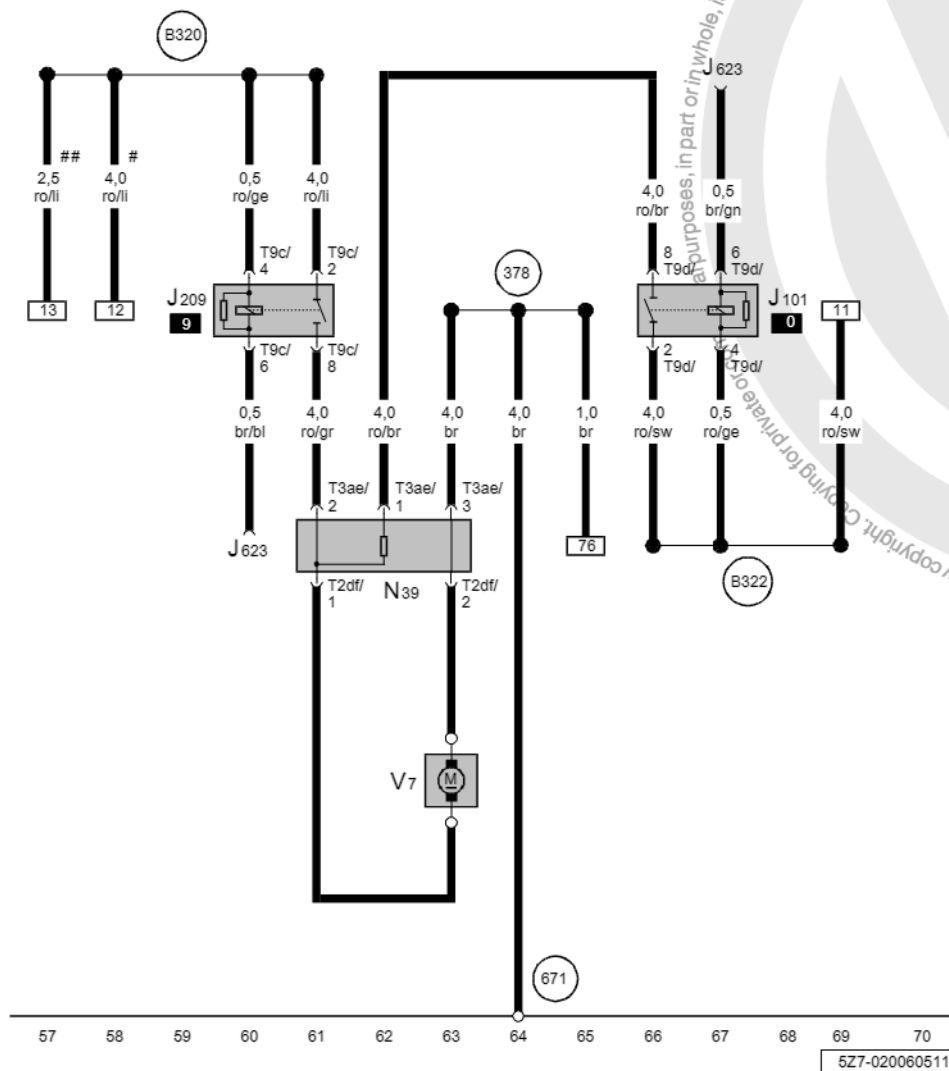
ws = white  
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 bl = blue  
 gr = grey  
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 rs = pink

Radiator fan 2nd speed relay Fresh air blower and radiator fan relay Radiator fan series resistor Radiator fan

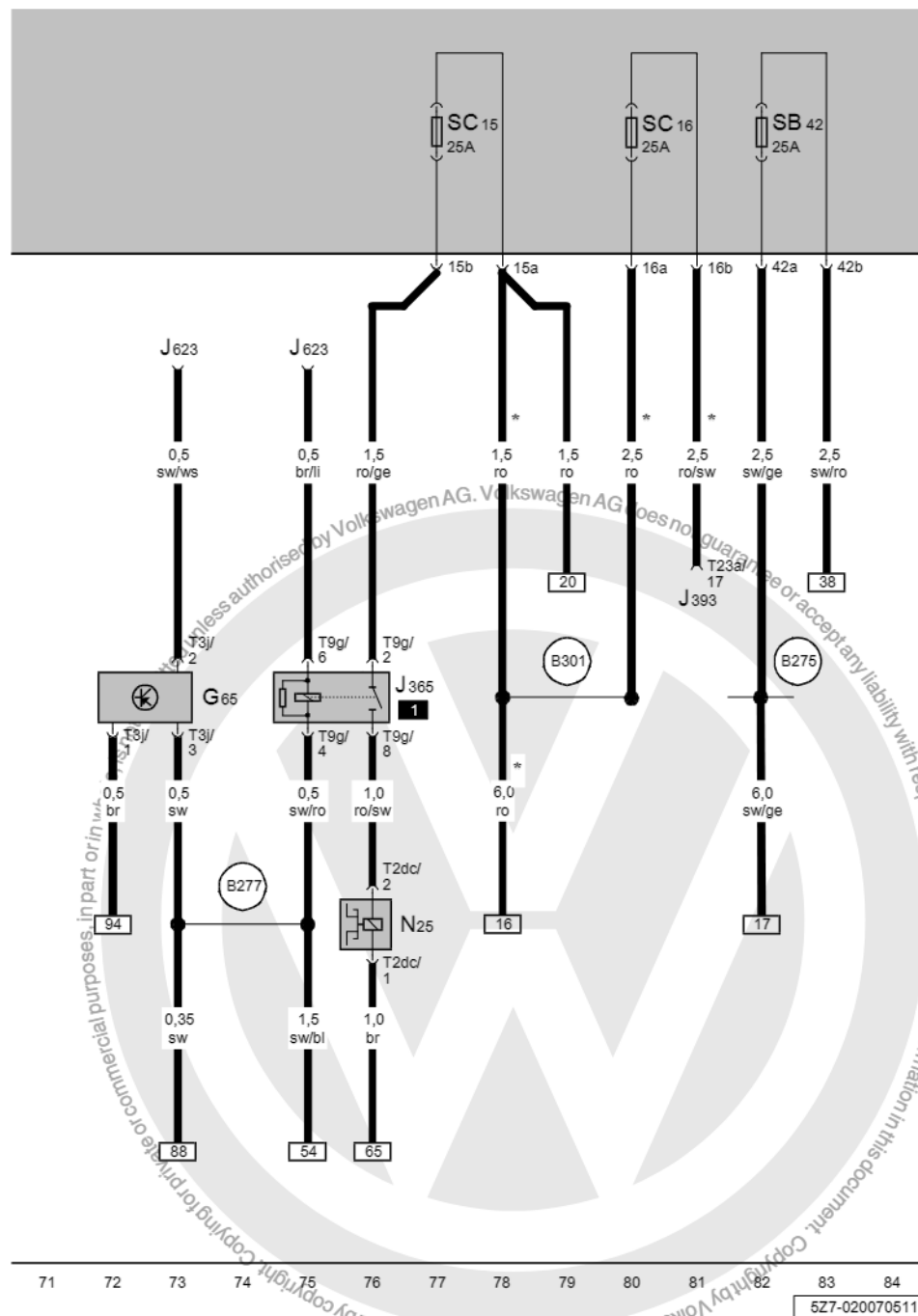
- J101 Radiator fan 2nd speed relay
- J209 Fresh air blower and radiator fan relay
- J623 Engine control unit
- N39 Radiator fan series resistor
- T2df Fitting connector 2pin on radiator fan
- T3ae Fitting connector 3pin on Radiator fan series resistor
- T9c Fitting connector 9pin fresh air blower and radiator fan relay
- T9d Fitting connector 9pin on Radiator fan 2nd speed relay
- V7 Radiator fan

- 378 Earth connection 13 in main harness
- 671 Earth point 1 on left front longitudinal member
- B320 Positive connection 6 30a on main harness
- B322 Positive connection 8 30a on main harness

Until February 2011  
From February 2011



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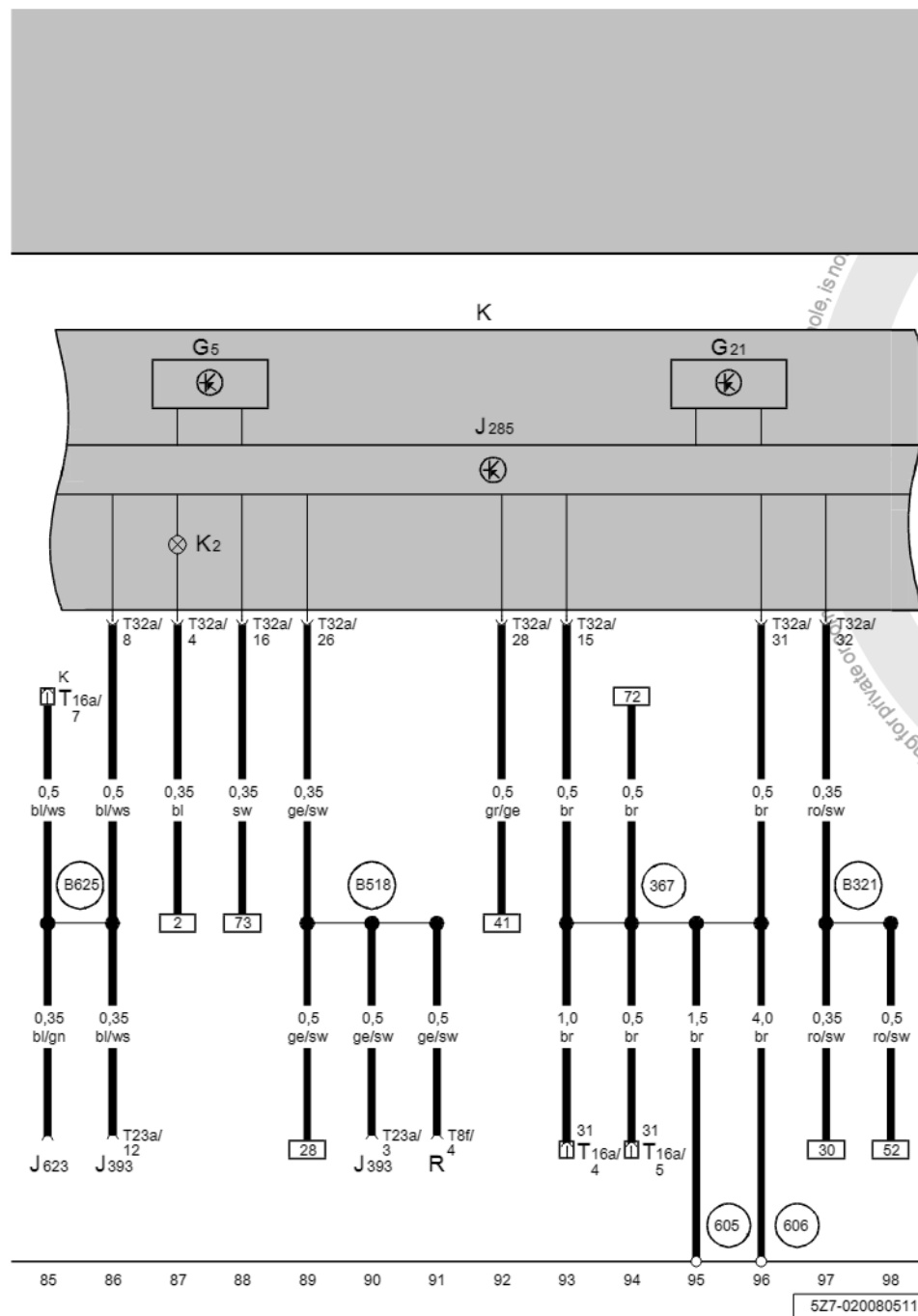


High pressure sensor  
Air conditioning system switchoff relay  
Air conditioning system magnetic clutch

- G65 High pressure sensor
- J365 Air conditioning system switchoff relay
- J393 Central control unit for the convenience system
- J623 Engine control unit
- N25 Air conditioning system magnetic clutch
- SB42 Fuse 42 on fuse holder B
- SC15 Fuse 15 on fuse holder C
- SC16 Fuse 16 on fuse holder C
- T2dc Fitting connector 2pin on air conditioning system magnetic clutch
- T3j Fitting connector 3pin on high pressure sensor
- T9g Fitting connector 9pin on Air conditioning system switchoff relay
- T23a Fitting connector 23 poles on central control unit for the convenience system

- (B275) Positive connection 87 on main harness
- (B277) Positive connection 1 15a on main harness
- (B301) Positive connection 5 30 on main harness
- Only for vehicles with convenience system

ws = white  
sw = black  
ro = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
ge = yellow  
or = orange  
rs = pink



Tachometer Speedometer Control unit w indicator on the combined instrument Combined instrument Alternator control light

- G5 Tachometer
- G21 Speedometer
- J285 Control unit w indicator on the combined instrument
- J393 Central control unit for the convenience system
- J623 Engine control unit
- K Combined instrument
- K2 Alternator control light
- R Radio
- T8f Fitting connector 8pin on radio
- T16a Fitting connector 16 poles in diagnosis
- T23a Fitting connector 23 poles on central control unit for the convenience system
- T32a Fitting connector 32 poles on Control unit w indicator on the combined instrument

- 367 Earth connection 2 in main harness
- 605 Earth point in upper steering column area
- 606 Earth point under the centre console near the selection lever
- B321 Positive connection 7 30a on main harness
- B518 Connection 86s on main harness
- B625 Connection diagnostic cable K on main harness

ws = white  
 sw = black  
 ro = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 ge = yellow  
 or = orange  
 rs = pink

## 1 Earth points

### 1.1 Earth points in engine compartment

1 - Earth strap battery body

❑ Page 8012

11 - Earth point in engine housing

❑ Page 8012

12 - Earth point in engine compartment left

❑ Page 8013

13 - Earth point in engine compartment right

❑ Page 8013

49 - Earth point near the battery

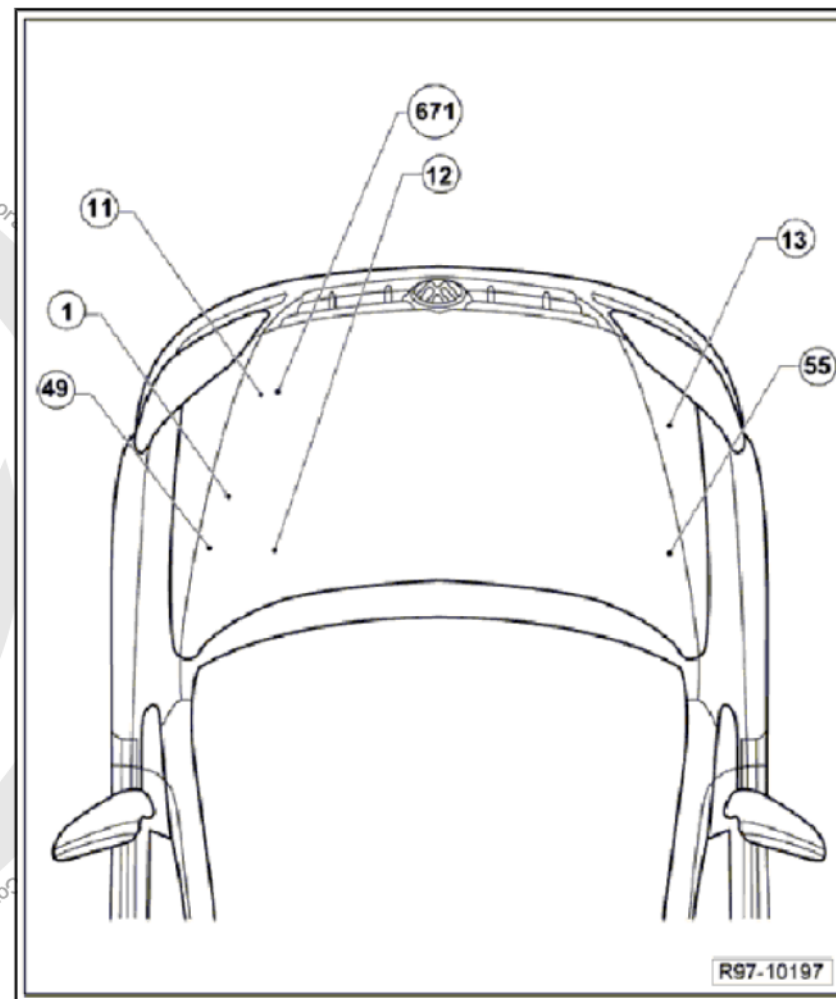
❑ Page 8012

55 - Earth point next to ABS control unit

❑ Page 8014

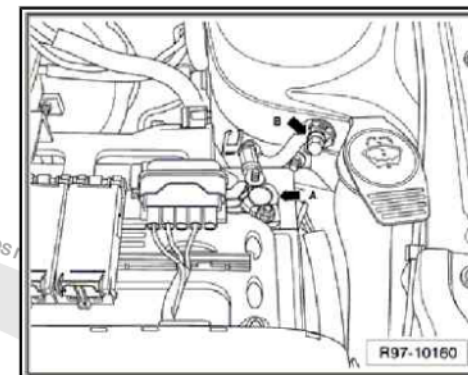
671 - Earth point 1 on left front longitudinal member

❑ Page 8012

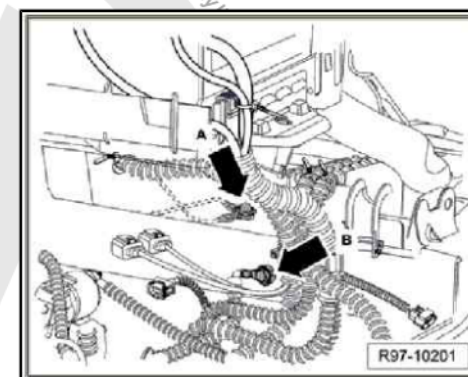




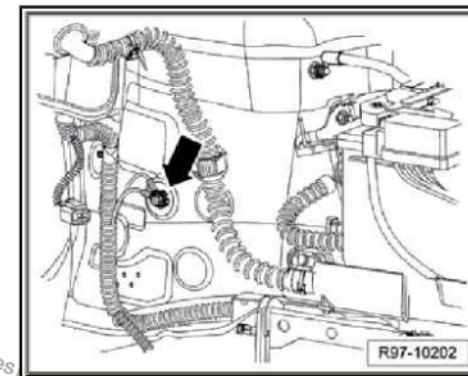
- 1 - Earth strap battery body Arrow A
- 49 - Earth point near the battery Arrow B



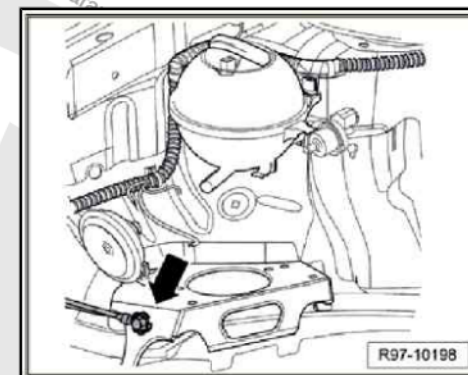
- 11 - Earth point in engine housing Arrow A
- 671 - Earth point 1 on left front longitudinal member Arrow B



12 - Earth point in engine compartment left Arrow

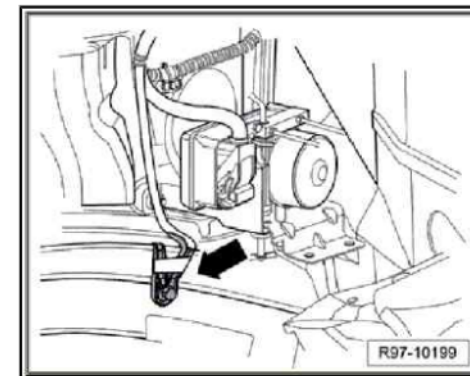


13 - Earth point in engine compartment right Arrow



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55 - Earth point next to ABS control unit Arrow



## 1.2 Earth points in vehicle interior

605 - Earth point in upper steering column area

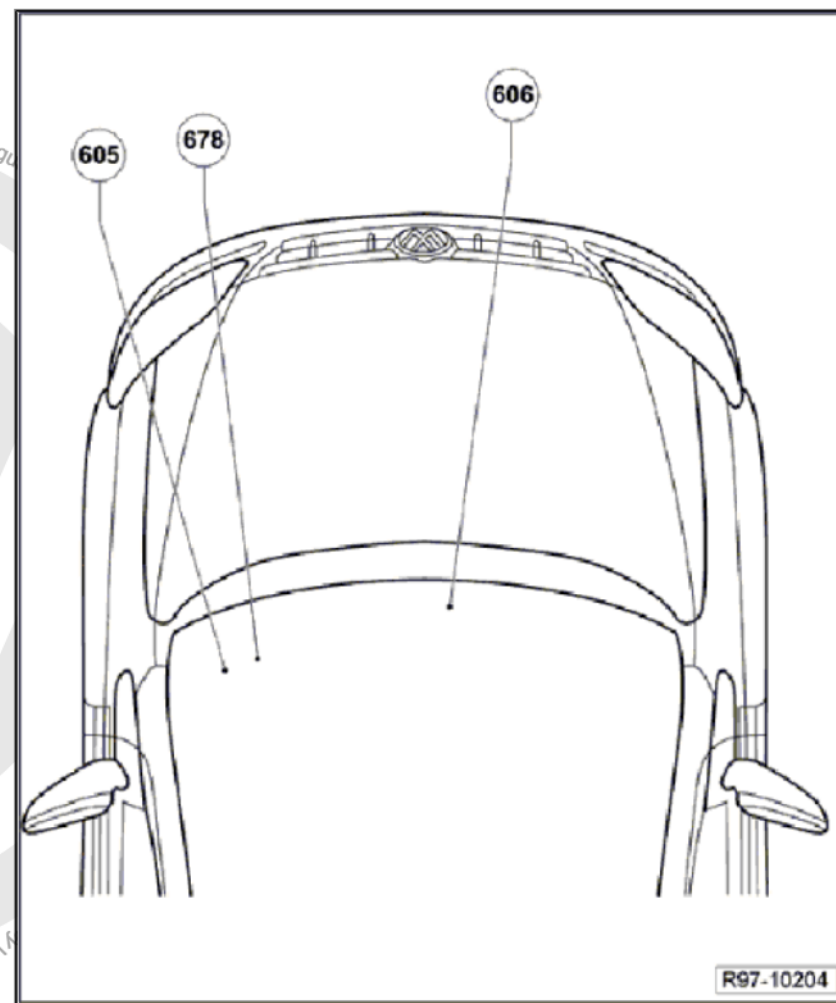
☐ Page 8016

606 - Earth point under the centre console near the selection lever

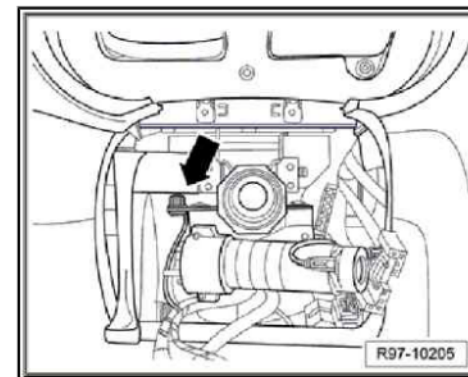
☐ Page 8016

678 - Earth point on steering wheel

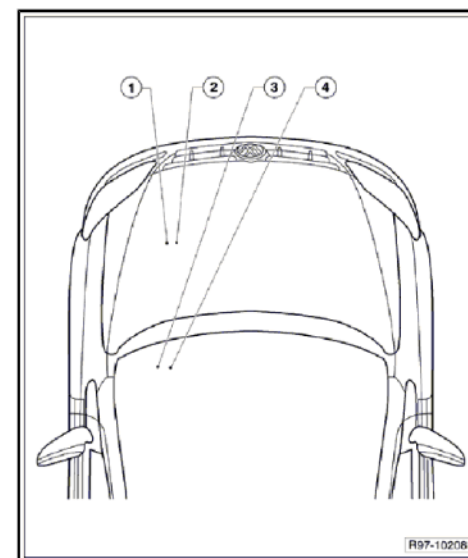
☐ Page 8017



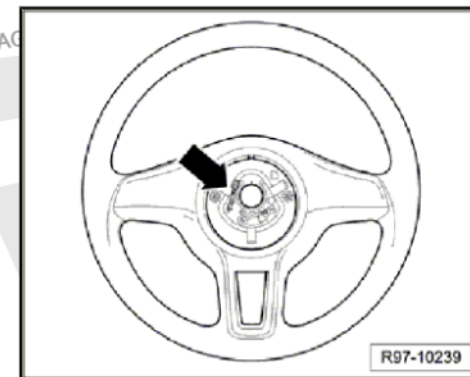
605 - Earth point in upper steering column area Arrow



606 - Earth point under the centre console near the selection lever Arrow



678 - Earth point on steering wheel Arrow



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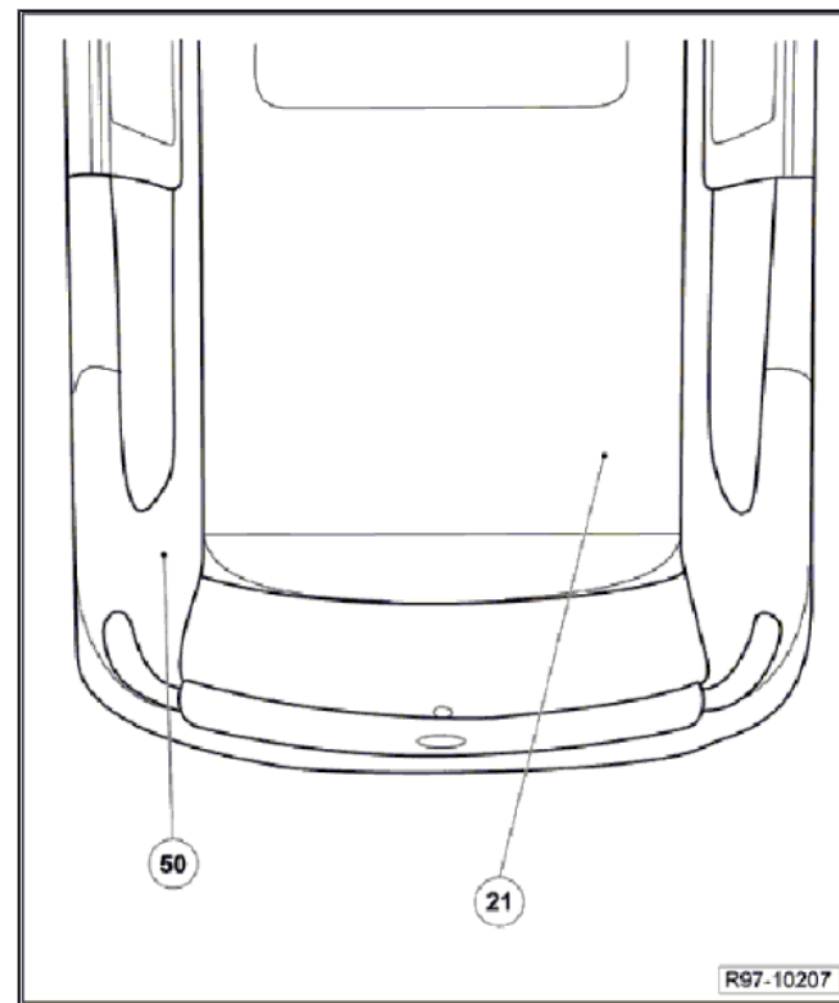
### 1.3 Earth points in luggage compartment

21 - Earth point near fuel pump

☐ Page 8019

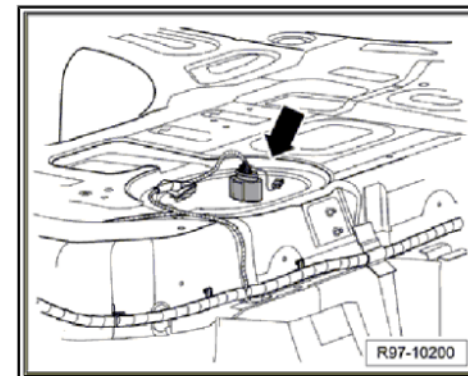
50 - Earth point on left luggage compartment

☐ Page 8019

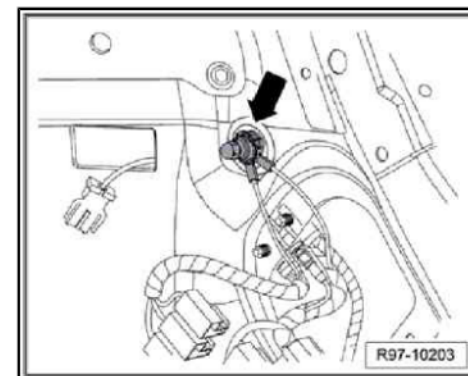


R97-10207

21 - Earth point near fuel pump Arrow



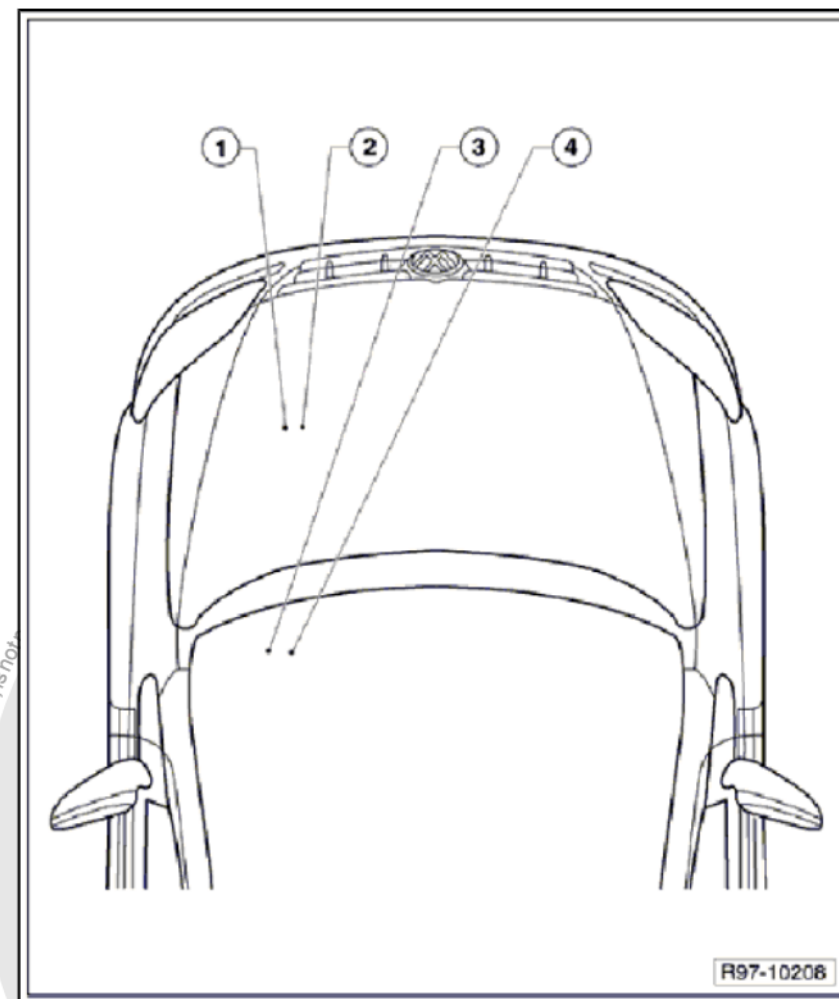
50 - Earth point on left luggage compartment Arrow





## 1 Fuses

- 1 - Battery fuse holder S Vehicles with manual transmission  
☐ Page 8022
- 2 - Battery fuse holder S Vehicles with automated transmission  
☐ Page 8024
- 3 - Fuse holder SB and SC  
☐ Page 8026
- 4 - Window regulator single fuse on relay holder  
☐ Page 80214



## 1.1 Battery fuse holder S Vehicles with manual transmission

### 1.1.1 Cable colors on fuses

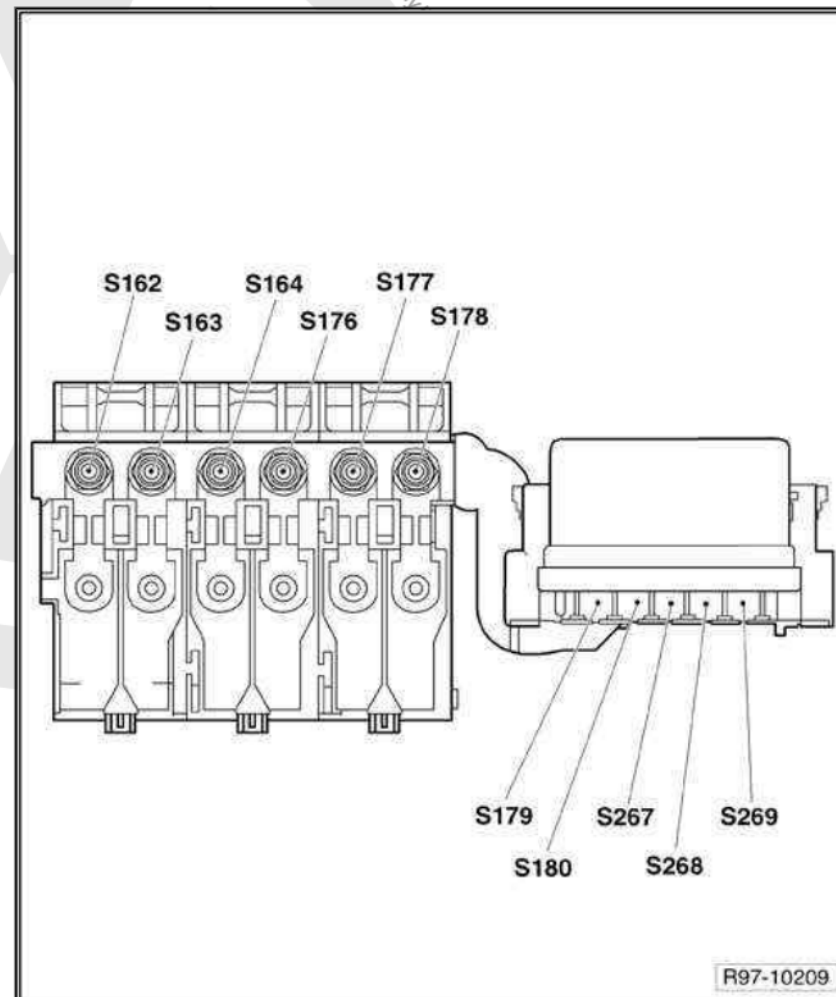
175 A black

110 A black

40 A black red and purple

30 A red and purple

25 A red and green



Nr	Designation on SLP	Chain	FunctionComponent	End piece
1	Fuse 1 30 in battery fuse holder S162	175A	CGenerator Alternator C1Voltage regulator	30
2	Fuse 2 30 in battery fuse holder S163	110A	TV2Terminal 30 wiring junction	30
3	Fuse 3 30 in battery fuse holder S164	40A	J101 Radiator fan 2nd speed relay	30
4	Fuse 4 30 in battery fuse holder S176	40A	J104 ABS control unit	30
5	Fuse 5 30 in battery fuse holder S177		Empty	
6	Fuse 6 30 in battery fuse holder S178		Empty	
7	Fuse 7 30 in battery fuse holder S179	25A	J104 ABS control unit	30a
8	Fuse 8 30 in battery fuse holder S180	30A	J701 Voltage supply relay 1	
9	Fuse 9 30 in battery fuse holder S267		Empty	
10	Fuse 10 30 in battery fuse holder S268	15A	J623 Engine control unit	30a
11	Fuse 11 30 in battery fuse holder S269		Empty	

## 1.2 Battery fuse holder S Vehicles with automated transmission

### 1.2.1 Cable colors on fuses

150 A black

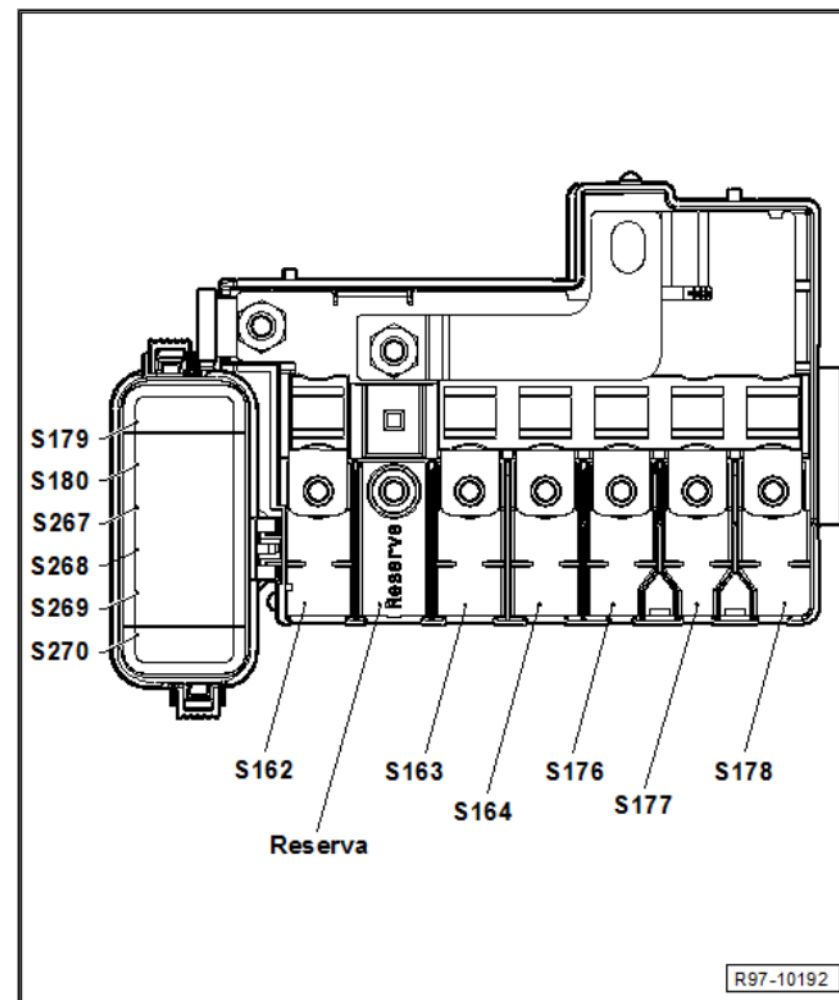
110 A black

40 A black red and purple

30 A red and purple

25 A red and green

5 A red red and black



Nr	Designation on SLP	Chain	FunctionComponent	End piece
1	Fuse 1 30 in battery fuse holder S162	150A	CGenerator Alternator C1Voltage regulator	30
	Reserve		Reserve	
2	Fuse 2 30 in battery fuse holder S163	110A	TV2Terminal 30 wiring junction TV2	30
3	Fuse 3 30 in battery fuse holder S164	50A	Empty	30
4	Fuse 4 30 in battery fuse holder S176	40A	J104 ABS control unit	30
5	Fuse 5 30 in battery fuse holder S177	40A	J101 Radiator fan 2nd speed relay J101	30
6	Fuse 6 30 in battery fuse holder S178	50A	Empty	
7	Fuse 7 30 in battery fuse holder S179	25A	J104 ABS control unit	30a
8	Fuse 8 30 in battery fuse holder S180	30A	J701 Voltage supply relay 1	30a
9	Fuse 9 30 in battery fuse holder S267	5A	J623 Engine control unit	30a
10	Fuse 10 30 in battery fuse holder S268		Empty	
11	Fuse 11 30 in battery fuse holder S269	5A	J217Automatic transmission control unit	30a
12	Fuse 11 30 in battery fuse holder S269	5A	V387 Hydraulic transmission pump V387	30a

### 1.3 Fuse holder SB and SC

#### 1.3.1 Fuses colors

30 A green

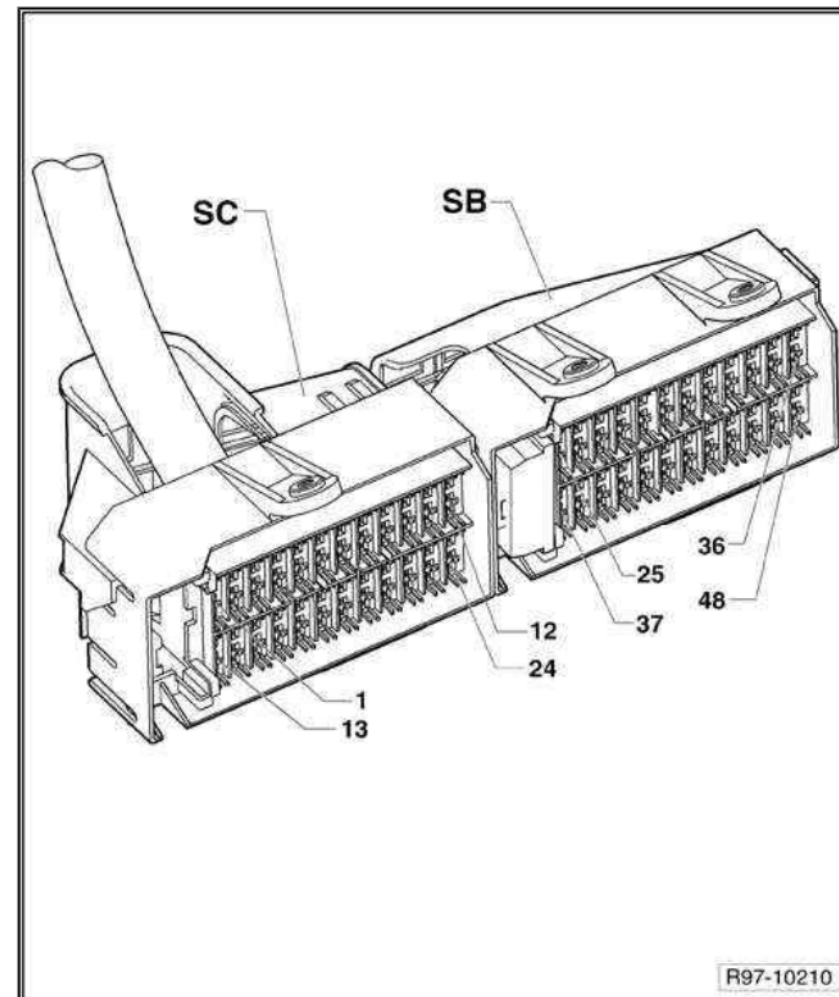
25 A white

20 A yellow

15 A blue

10 A red

5 A beige

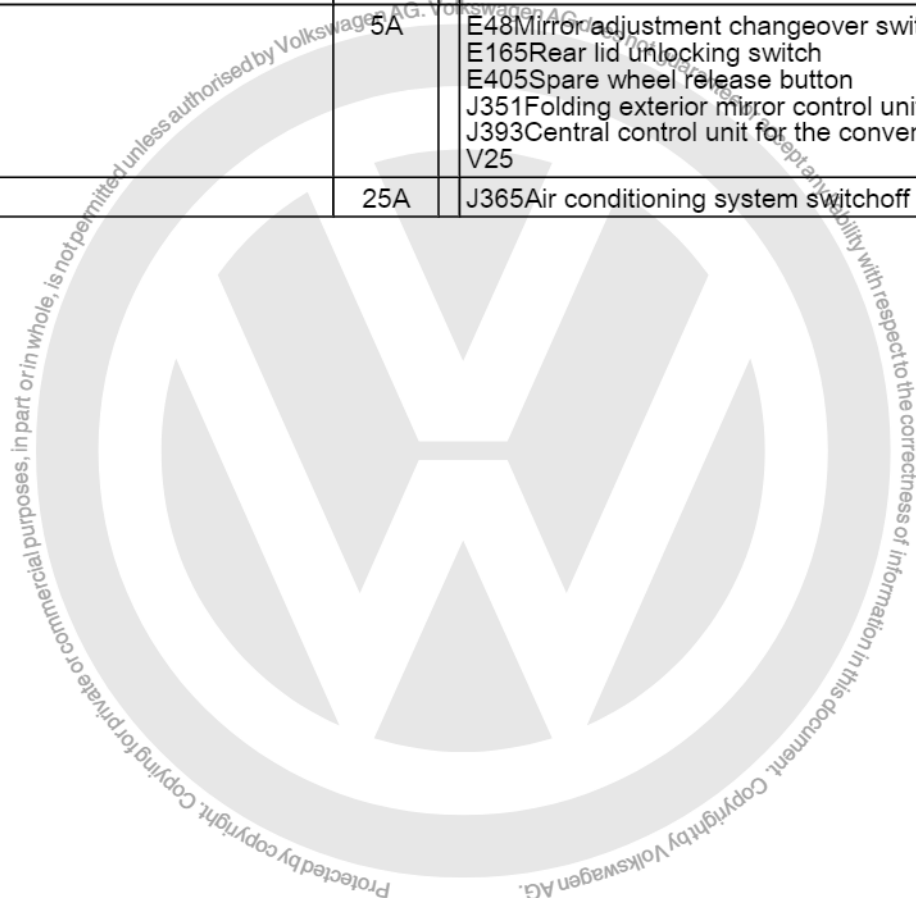


R97-10210

#### 1.4 Fuse holder SC

Nr	Designation on SLP	Chain	FunctionComponent	End piece
1	Fuse 1 on fuse holder C SC1	10A	Empty	56
2	Fuse 2 on fuse holder C SC2	5A	J285 Control unit w indicator on the combined instrument J393Central control unit for the convenience system RRadio	86s
3	Fuse 3 on fuse holder C SC3	10A	Empty	56
4	Fuse 4 on fuse holder C SC4	5A	E165Rear lid unlocking switch E405Spare wheel release button	30a
5	Fuse 5 on fuse holder C SC5	20A	RRadio	30a
6	Fuse 6 on fuse holder C SC6	20A	J48 Heater rear window control relay	XR
7	Fuse 7 on fuse holder C SC7	5A	E23 Front and rear fog light switch J5Fog light relay L40Front and rear fog light switch illumination bulb	30a
8	Fuse 8 on fuse holder C SC8	20A	J245Sliding sunroof motion control unit	30a
9	Fuse 9 on fuse holder C SC9	10A	J217Automatic transmission control unit	15a
10	Fuse 10 on fuse holder C SC10		Empty	

Nr	Designation on SLP	Chain	FunctionComponent	End piece
11	Fuse 11 on fuse holder C SC11	10A	E2 Flashingturn light switch E3Hazard warning light switch K6Indicator lamp for hazard warning light K94 Right turn signal control light M7Right front indicator light lamp M8Right rear indicator light lamp L132Front passenger side mirror turn signal repeater bulb	R
12	Fuse 2 on fuse holder C SC12	10A	E2 Flashingturn light switch E3Hazard warning light switch K6Indicator lamp for hazard warning light K65Left turn signal control light M5Left front indicator light lamp M6Left rear indicator light lamp L131Driver side external mirror turn signal repeater bulb	L
13	Fuse 18 on fuse holder C SC13	5A	J587The Selector lever sensor control unit	30a
14	Fuse 19 on fuse holder C SC14	5A	E48Mirror adjustment changeover switch E165Rear lid unlocking switch E405Spare wheel release button J351Folding exterior mirror control unit J393Central control unit for the convenience system V25	15a
15	Fuse 20 on fuse holder C SC15	25A	J365Air conditioning system switchoff relay	30a





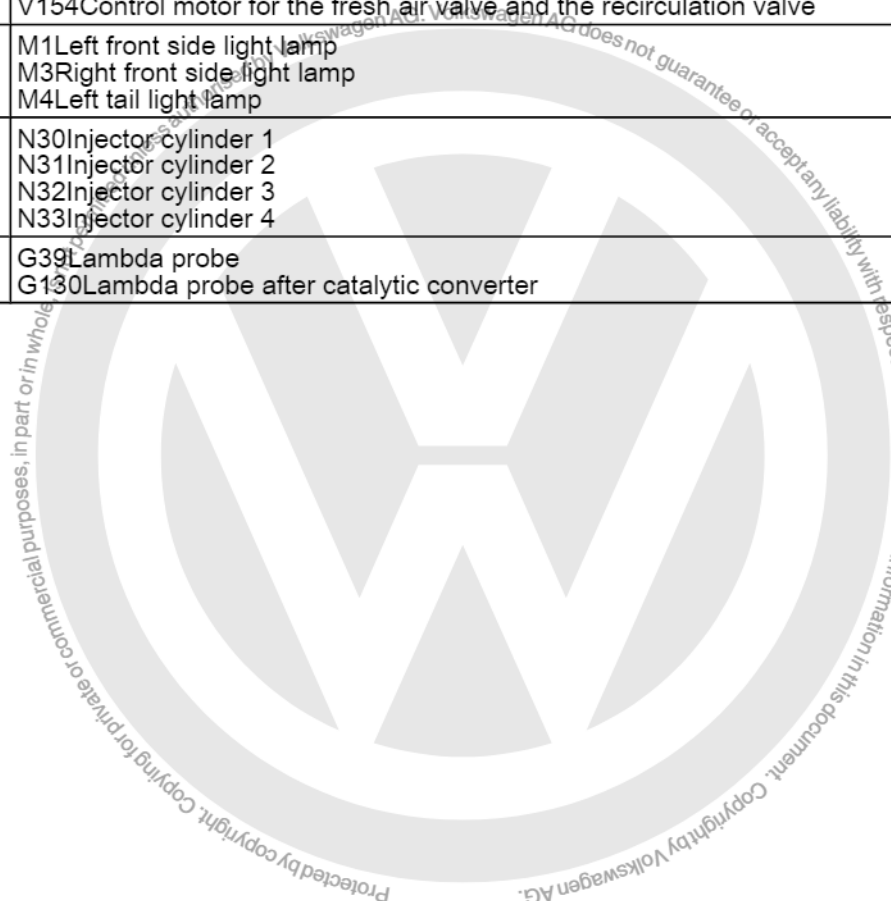
Nr	Designation on SLP	Chain	FunctionComponent	End piece
16	Fuse 16 on fuse holder C SC16	25A	J393Central control unit for the convenience system	30a
17	Fuse 17 on fuse holder C SC17	5A	E23 Front and rear fog light switch L40Front and rear fog light switch illumination bulb	XRA
18	Fuse 18 on fuse holder C SC18	10A	V12Rear window wiper motor	XR
19	Fuse 19 on fuse holder C SC19	5A	J587The Selector lever sensor control unit	15a
20	Fuse 20 on fuse holder C SC20	15A	U1812 V socket 2 L42Socket illumination bulb	30a
21	Fuse 21 on fuse holder C SC21	5A	F138Airbag coil connector and return ring with slip ring	15a
22	Fuse 22 on fuse holder C SC22	30A	J393Central control unit for the convenience system	30a
23	Fuse 23 on fuse holder C SC23	5A	J104 ABS control unit	30a
24	Fuse 24 on fuse holder C SC24	10A	J104 ABS control unit	15a
25	Fuse 25 on fuse holder B SB25	10A	E3Hazard warning light switch K6Indicator lamp for hazard warning light	15a
26	Fuse 26 on fuse holder B SB26	10A 20A	N152 Ignition transformer J701 Voltage supply relay 1	15a 30a

## 1.5 Fuse holder SB

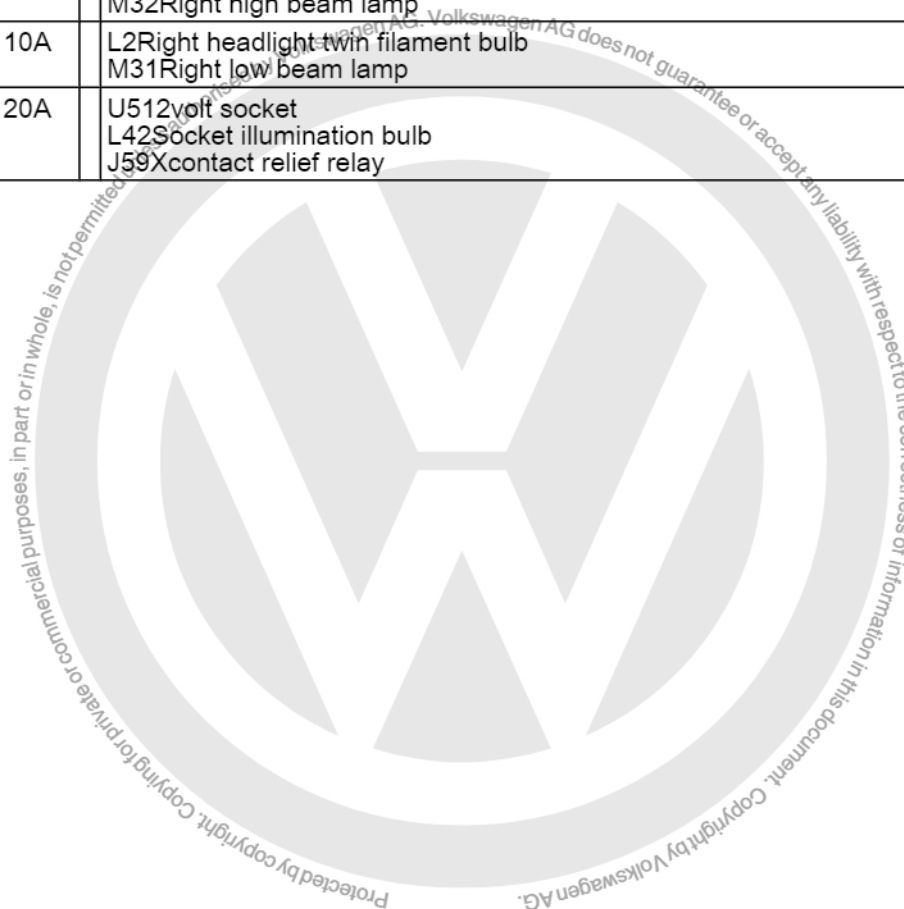
Nr	Designation on SLP	Chain	FunctionComponent	End piece
27	Fuse 27 on fuse holder B SB27	15A	E6Interior light switch rear K6Indicator lamp for hazard warning light T16a Fitting connector 16 poles in diagnosis	30a
28	Fuse 28 on fuse holder B SB28	5A	J285 Control unit w indicator on the combined instrument J301Air conditioning system control unit	30a
29	Fuse 29 on fuse holder B SB29	15A	E22Windshield wiper timer switch intermittent operation J31Automatic intermittent wash and wiper relay V Windshield wiper motor J932Automatic intermittent wash and wipe control unit	53a
30	Fuse 30 on fuse holder B SB30	5A	J623 Engine control unit	15a
31	Fuse 31 on fuse holder B SB31	5A	M1Left front side light lamp M2Right tail light lamp M3Right front side light lamp	58r
32	Fuse 32 on fuse holder B SB32	5A	XLlicense plate light E3Hazard warning light switch K6Indicator lamp for hazard warning light J917Control unit for lighting and wiper functions KCombined instrument	58
33	Fuse 33 on fuse holder B SB33	15A	GFuel gauge sender G6Fuel pump presupply pump	87a

Nr	Designation on SLP	Chain	FunctionComponent	End piece
34	Fuse 34 on fuse holder B SB34	10A	N17Cold start valve N80Magnetic valve 1 for activated charcoal container J41Cold start device relay	87a
35	Fuse 35 on fuse holder B SB35	10A	M30Left high beam lamp L1Left headlight twin filament bulb K1High beam control light	56al
36	Fuse 36 on fuse holder B SB36	10A	M29Left low beam lamp L1Left headlight twin filament bulb	56bl
37	Fuse 37 on fuse holder B SB37	10A	F4Reversing light switch	15a
38	Fuse 38 on fuse holder B SB38	5A	J17Fuel pump relay J41Cold start device relay J285 Control unit w indicator on the combined instrument J365Air conditioning system switchoff relay J446Control unit for parking aid F36 Clutch pedal switch F47Brake pedal switch G22Speed sensor G65High pressure sender G170Left ultrasonic sensor for antitheft alarm system W6Glove compartment light E230Heater rear window switch	15a

Nr	Designation on SLP	Chain	FunctionComponent	End piece
39	Fuse 39 on fuse holder B SB39	10A	W1Front interior light W3Luggage compartment light W11Rear left reading light W12Rear right reading light W14Passenger vanity mirror with lighting W20Driver vanity mirror with lighting J351Folding exterior mirror control unit V154Control motor for the fresh air valve and the recirculation valve	30a
40	Fuse 40 on fuse holder B SB40	10A	FBrake light switch	15a
41	Fuse 41 on fuse holder B SB41	10A	H1Horn or dual tone horn J4Dual tone horn relay	15a
42	Fuse 42 on fuse holder B SB42	25A	E9Fresh air blower switch J301Air conditioning system control unit V154Control motor for the fresh air valve and the recirculation valve	XR
43	Fuse 43 on fuse holder B SB43	5A	M1Left front side light lamp M3Right front side light lamp M4Left tail light lamp	58l
44	Fuse 44 on fuse holder B SB44	10A	N30Injector cylinder 1 N31Injector cylinder 2 N32Injector cylinder 3 N33Injector cylinder 4	87a
45	Fuse 45 on fuse holder B SB45	10A	G39Lambda probe G130Lambda probe after catalytic converter	87a



Nr	Designation on SLP	Chain	FunctionComponent	End piece
46	Fuse 46 on fuse holder B SB46	10A	L2Right headlight twin filament bulb M32Right high beam lamp	56ar
47	Fuse 47 on fuse holder B SB47	10A	L2Right headlight twin filament bulb M31Right low beam lamp	56br
48	Fuse 48 on fuse holder B SB48	20A	U512volt socket L42Socket illumination bulb J59Xcontact relief relay	XRA

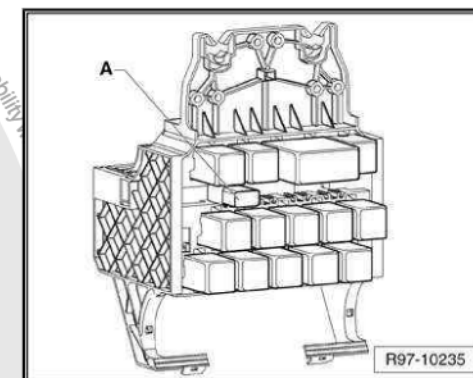


1.6 Window regulator single fuse on relay holder

1.6.1 S43 Window regulator thermal fuse 25

A

Color Yellow



# 1 Relay

1 - Relay behind dash panel left

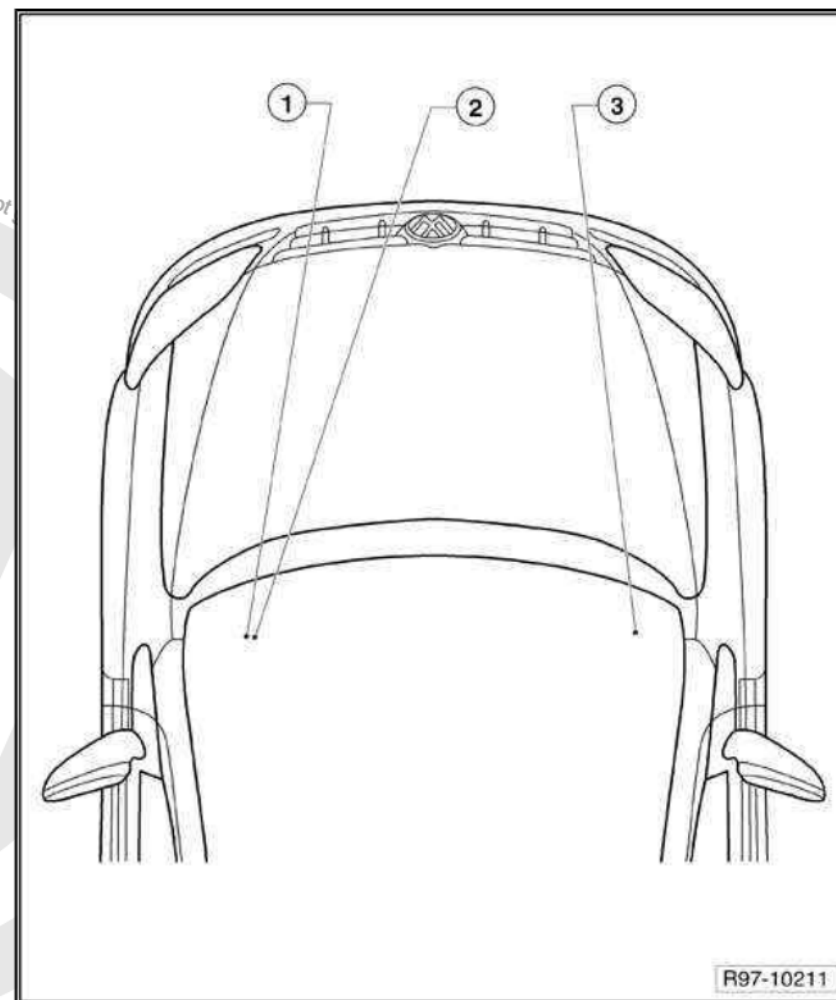
❑ Page 8032

2 - Relay above relay holder

❑ Page 8034

3 - Relay dash panel right behind glove compartment

❑ Page 8035



## 1.1 Relay behind dash panel left

1 - J365 Air conditioning system switchoff relay

Color Black

2 - J41 Cold start device relay

Color Black

3 - J351 Folding exterior mirror control unit

Color Dark gray

4 - J351 Folding exterior mirror control unit

Color Dark gray

5 - J5 Fog light relay

Color Grey

6 - J48 Heater rear window control relay

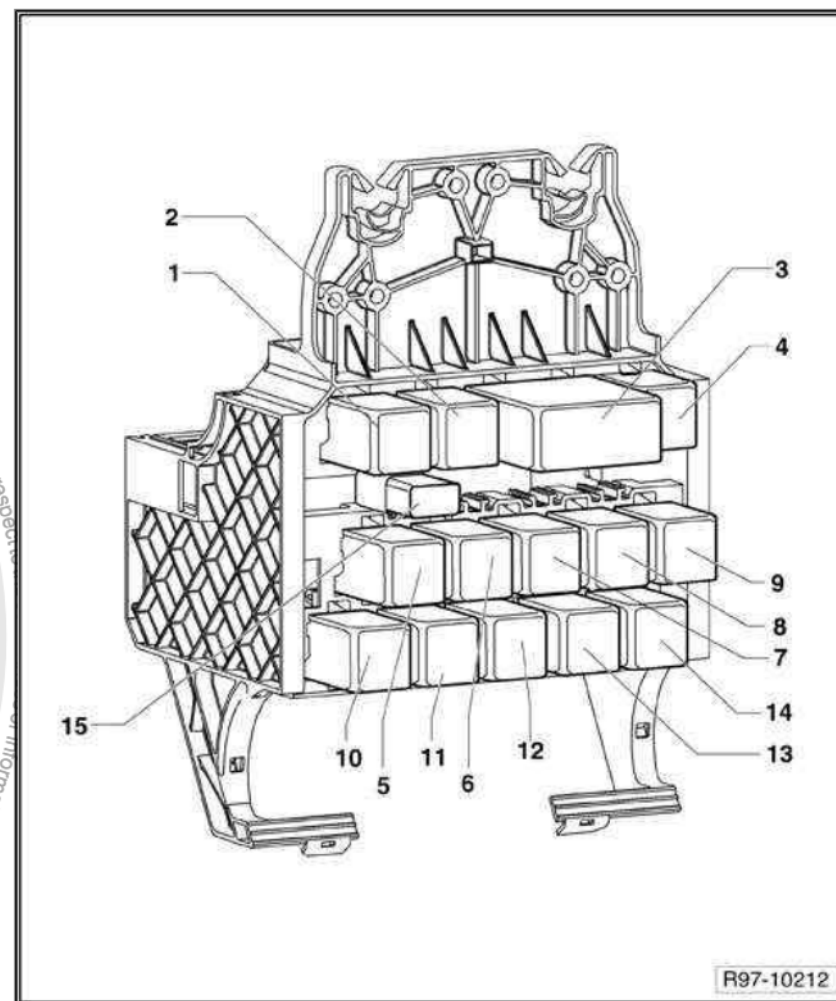
Color Blue

7 - J31 Automatic intermittent wash and wiper relay

Color Red

8 - J59 Xcontact relief relay

Color Grey



R97-10212



## 1.2 Relay behind dash panel left

9 - J209 Fresh air blower and radiator fan relay

Color Black

10 - J101 Radiator fan 2nd speed relay

Color Black

11 - J17 Fuel pump relay

Color Black

12 - J4 Dual tone horn relay

Color Black

13 - J339 X contact relief relay 2

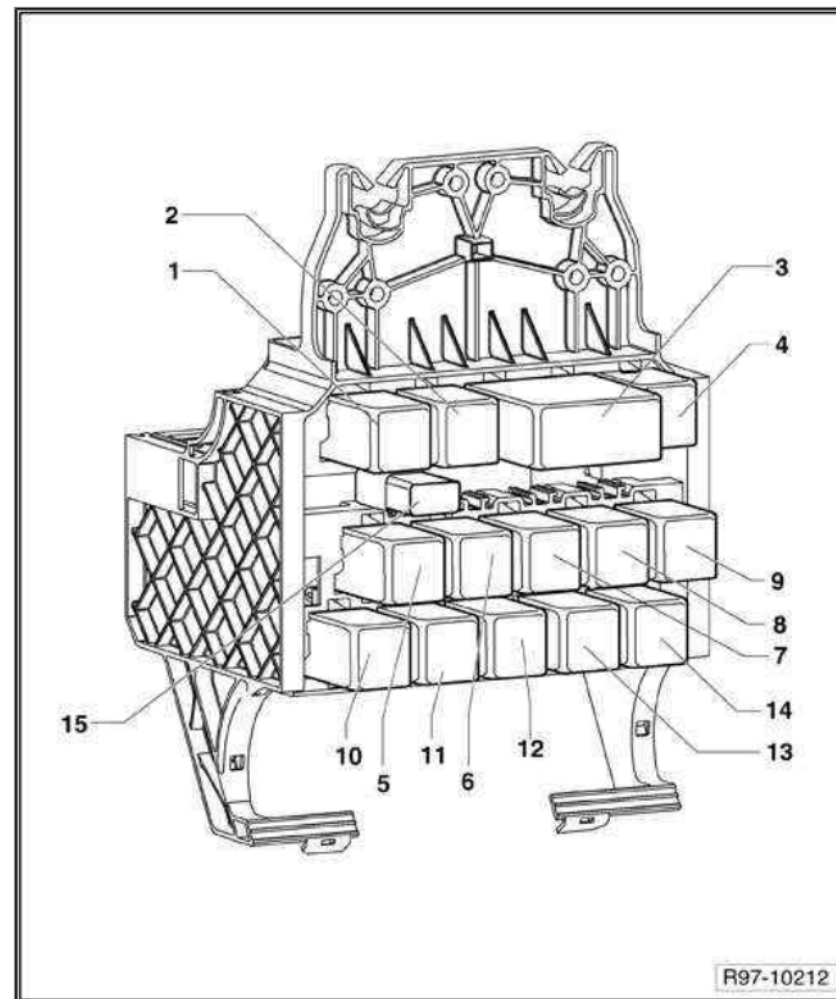
Color Blue

14 - J12 Automatic intermittent wash and wipe control unit J932 Automatic intermittent wash and wipe control unit

Color Black

15 - J331 Dipped beam relay J932 Automatic intermittent wash and wipe control unit

Color Dark gray

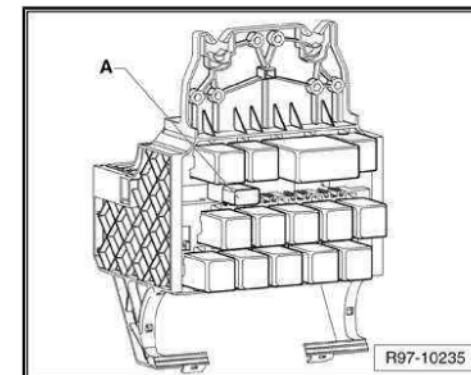


R97-10212

### 1.3 Relay above relay holder

9 - S43 Window regulator thermal fuse

Color Yellow



#### 1.4 Relay dash panel right behind glove compartment

16 - J53 Starter motor relay

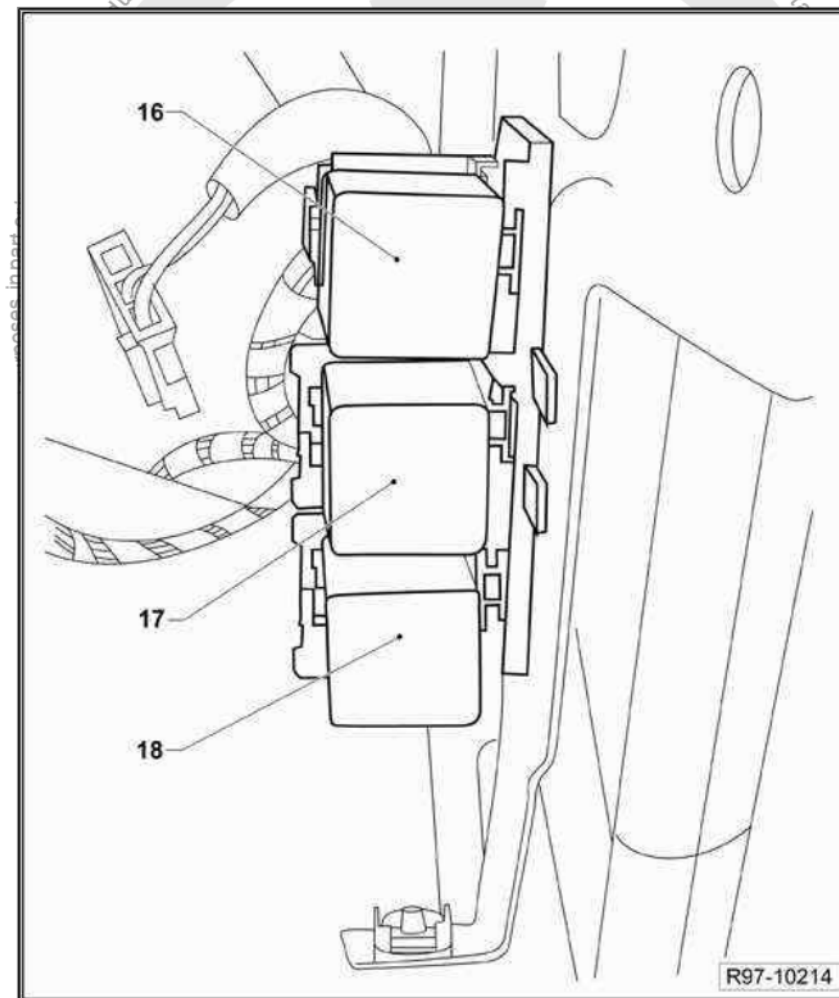
Color Black

17 - J695 Starter motor relay 2

Color Black

18 - J510 Gearbox hydraulic pump relay

Color Black



## 1 Control units

1 - Control unit with indicator in the combined instrument J285 and Control unit for interactive system J879

☐ Page 8043

2 - Engine control unit J623

☐ Page 8045

3 - Automatic transmission control unit J217

☐ Page 8047

4 - ABS control unit J104

☐ Page 8049

5 - Airbag control unit J234

☐ Page 80411

6 - Air conditioning system control unit J301

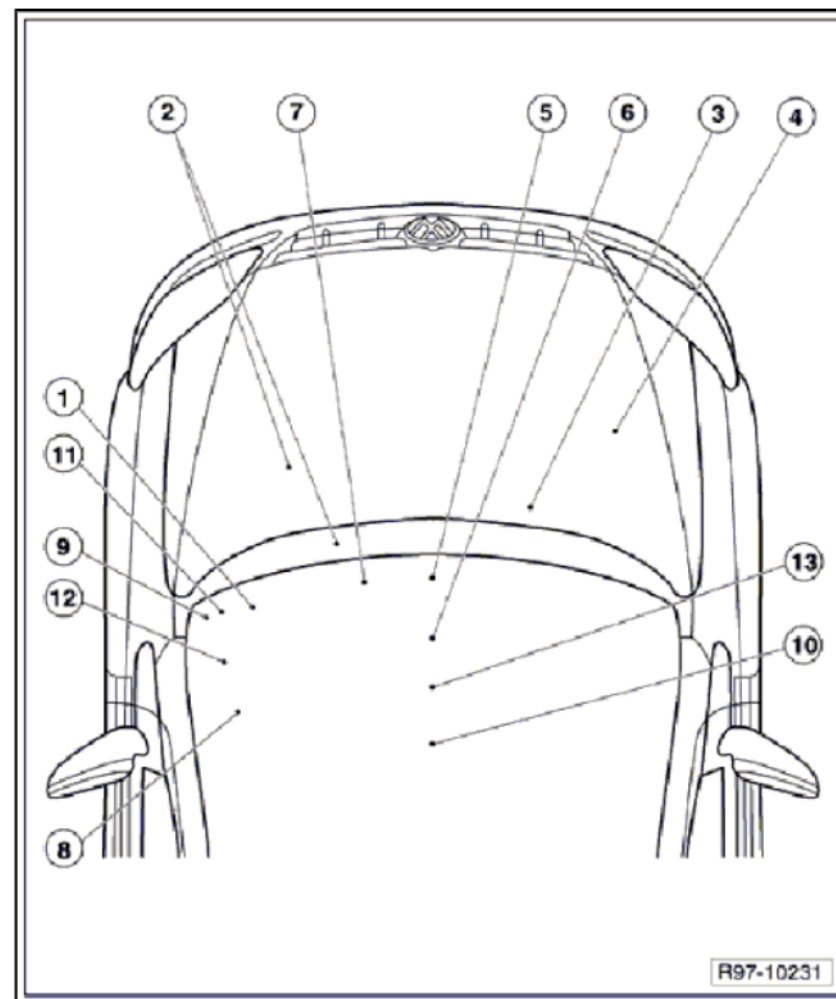
☐ Page 80413

7 - Central control unit for the convenience system J393

☐ Page 80415

8 - Control unit for parking aid J446

☐ Page 80417



## 1.1 Control units

9 - Control unit of lights with windshield wiper functions J917

❑ Page 80419

10 - Vacant

11 - Folding exterior mirror control unit J351

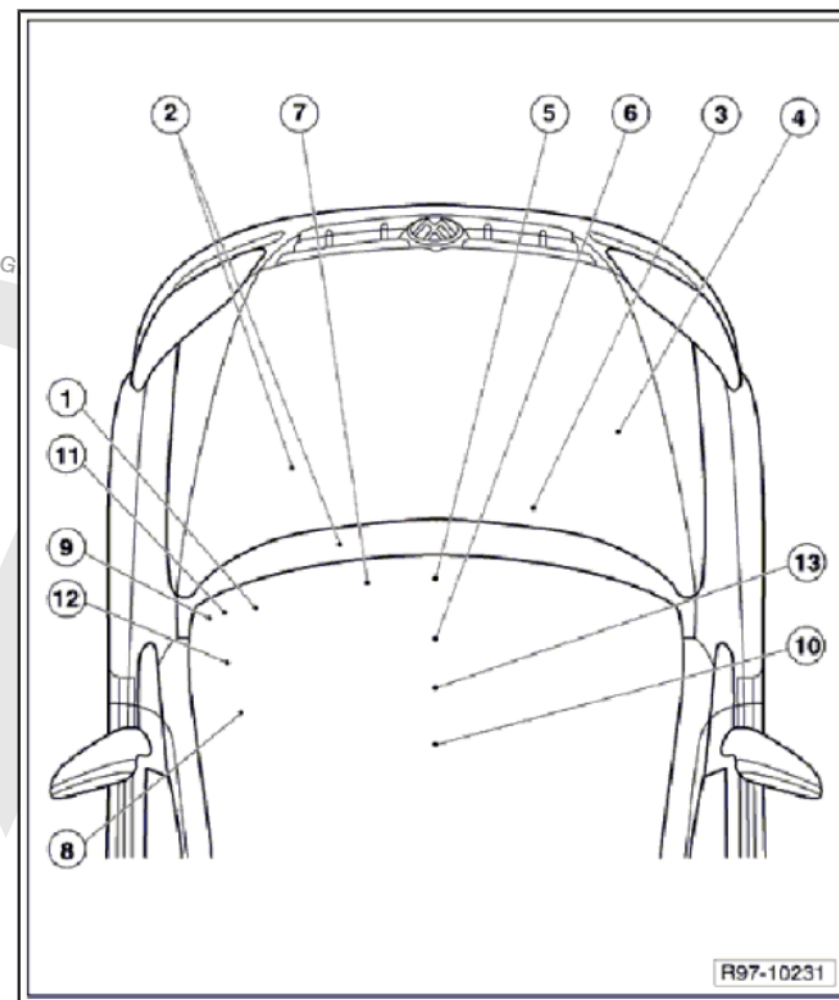
❑ Page 80421

12 - Control unit on the steering wheel E221

❑ Page 80423

13 - The Selector lever sensor control unit J587

❑ Page 80425

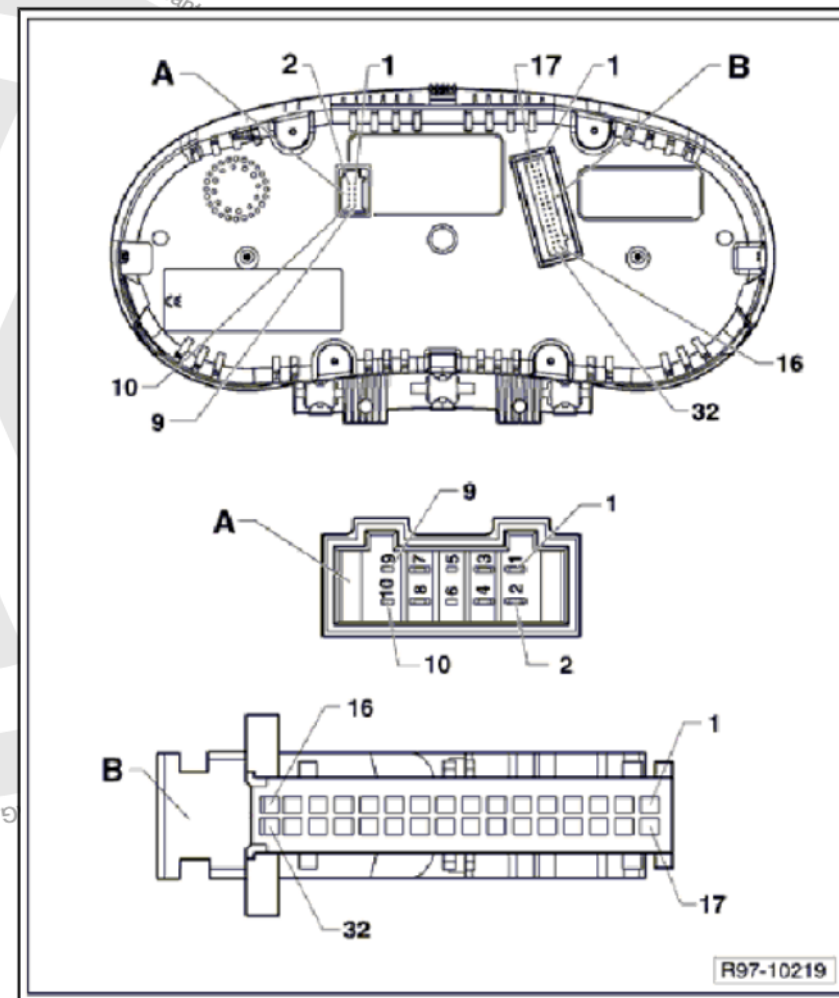


### 1.1.1 Control unit with indicator in the combined instrument J285 and Control unit for interactive system J879

#### Connectors

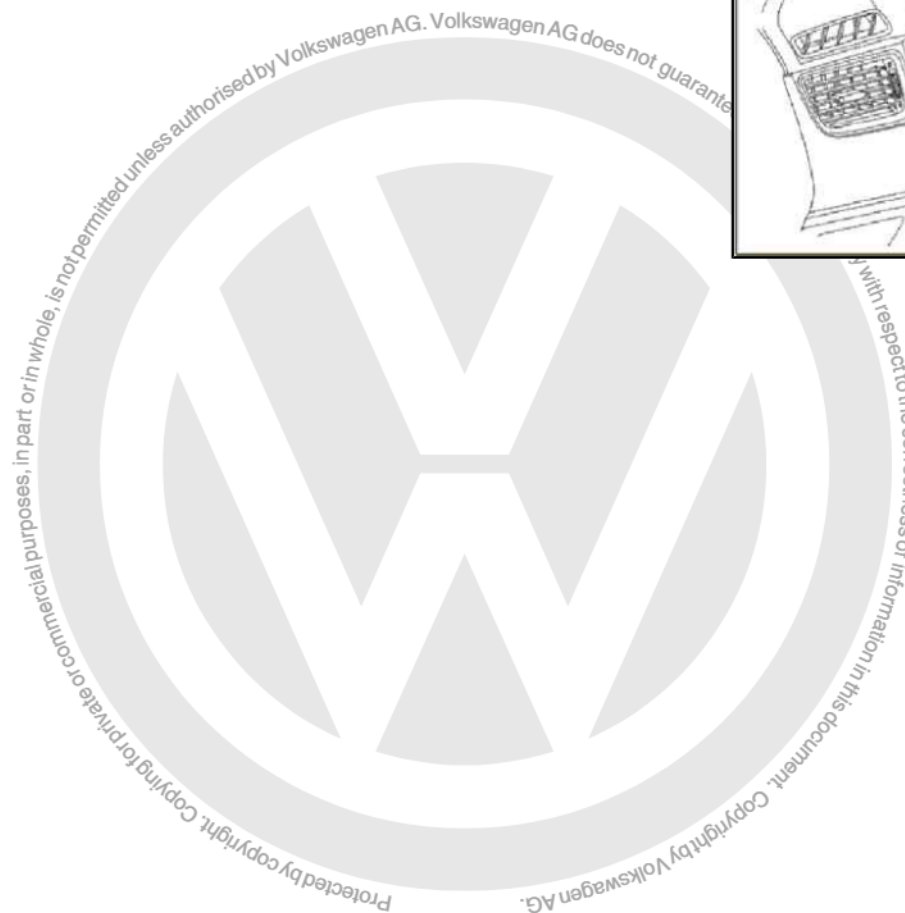
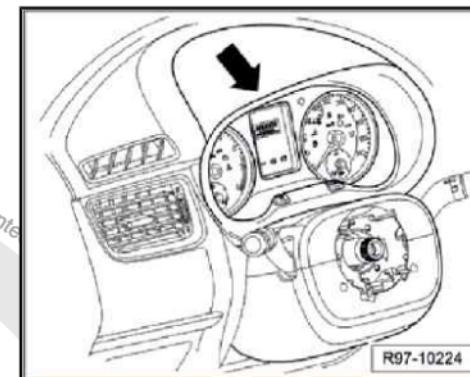
A Fitting connector 10 poles on control unit for interactive system T10d

B Fitting connector 32 poles on Control unit w indicator on the combined instrument T32a



- Positioning location

"Next to steering column on combined  
instrument" Arrow

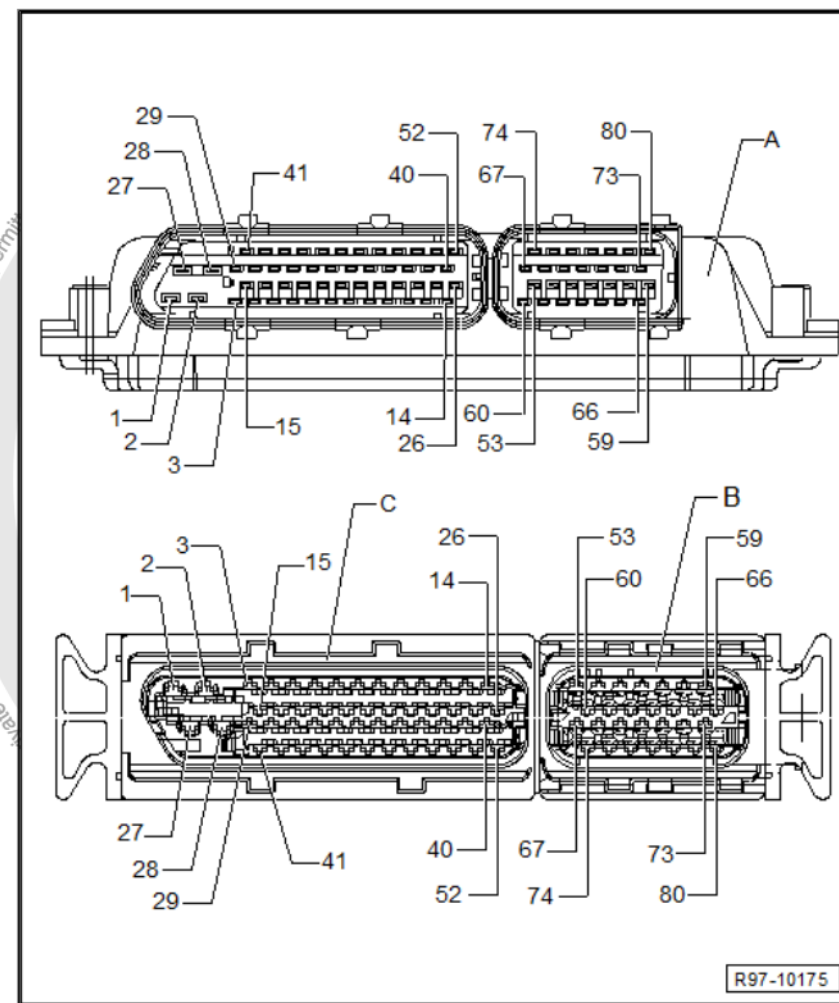


## 1.1.2 Engine control unit J623

A Engine control unit J623

Connectors

BC Fitting connector 80 poles on engine control unit T80a



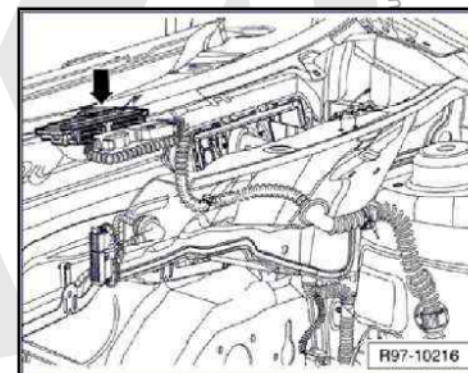
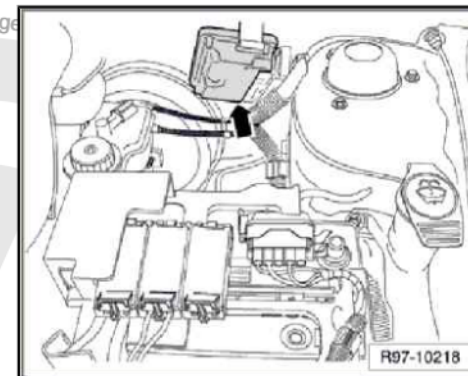


- Positioning location Vehicles with manual transmission

"In engine compartment left" Arrow

- Positioning location Vehicles with automated transmission

"In engine compartment left under top  
grill " Arrow

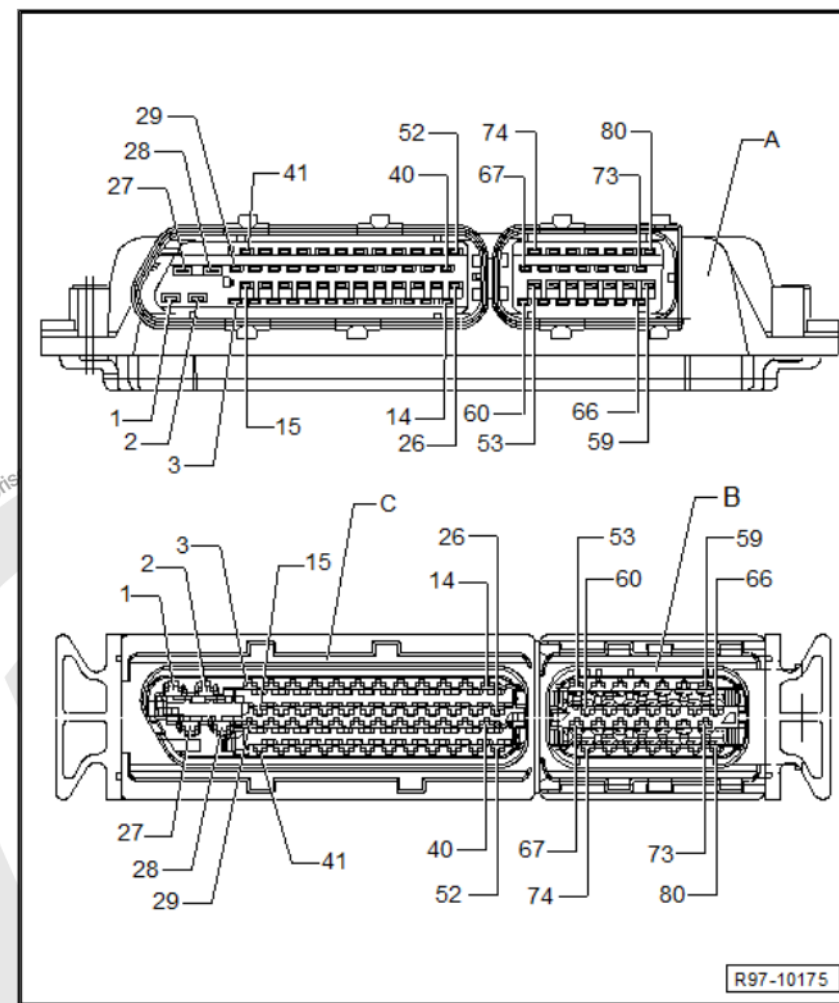


### 1.1.3 Automatic transmission control unit J217

A Automatic transmission control unit J217

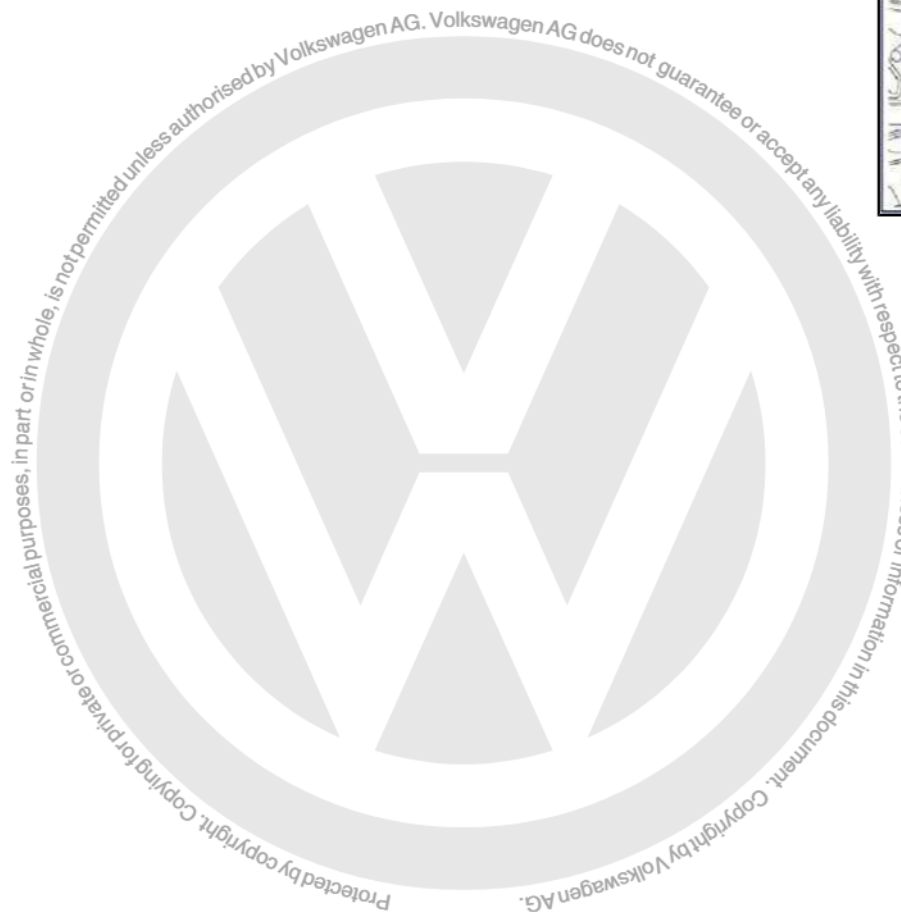
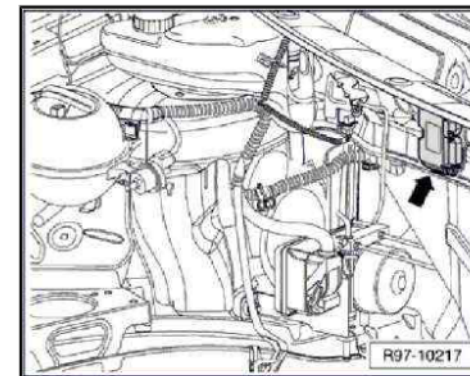
Connectors

BC Fitting connector 80 poles on automatic transmission control unit T80b



- Positioning location

"In engine compartment right" Arrow

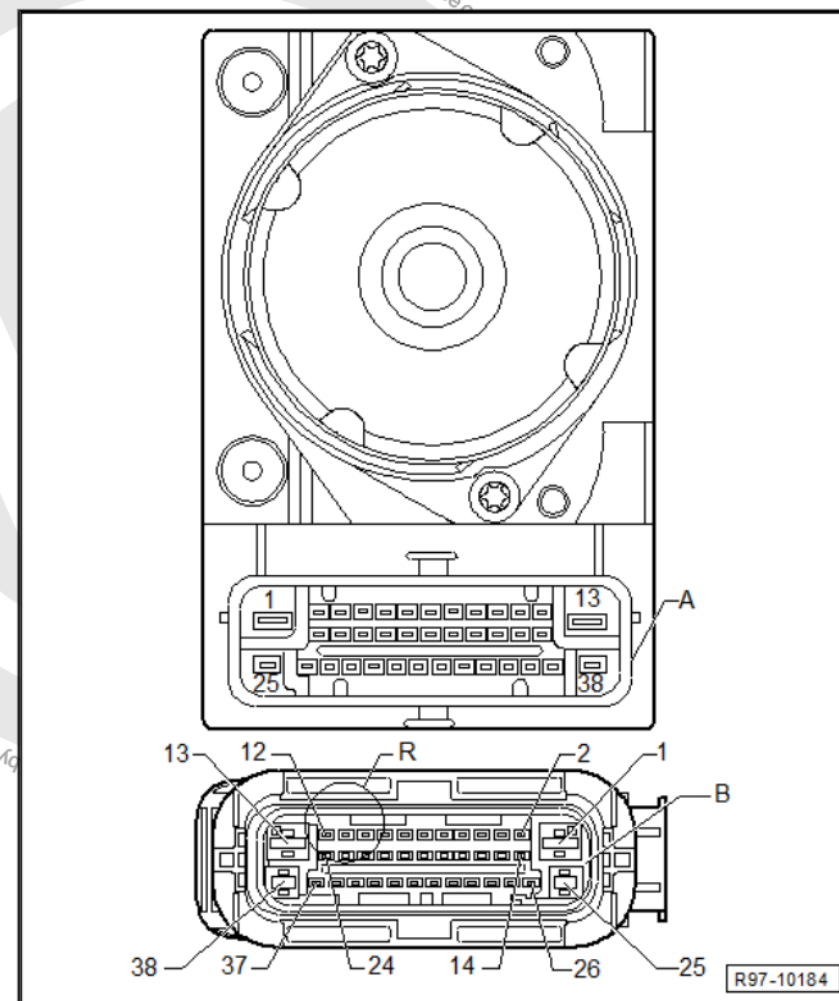


### 1.1.4 ABS control unit J104

A ABS control unit J104

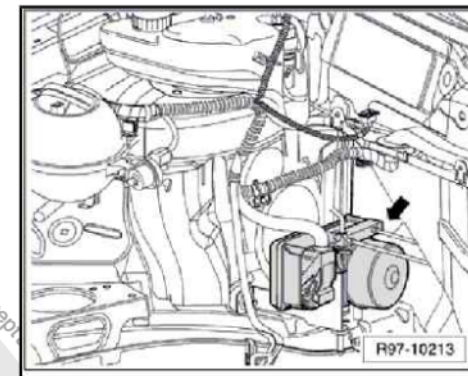
Connector

B Fitting connector 38 poles on ABS control unit T38a



- Positioning location

"In engine compartment right" Arrow

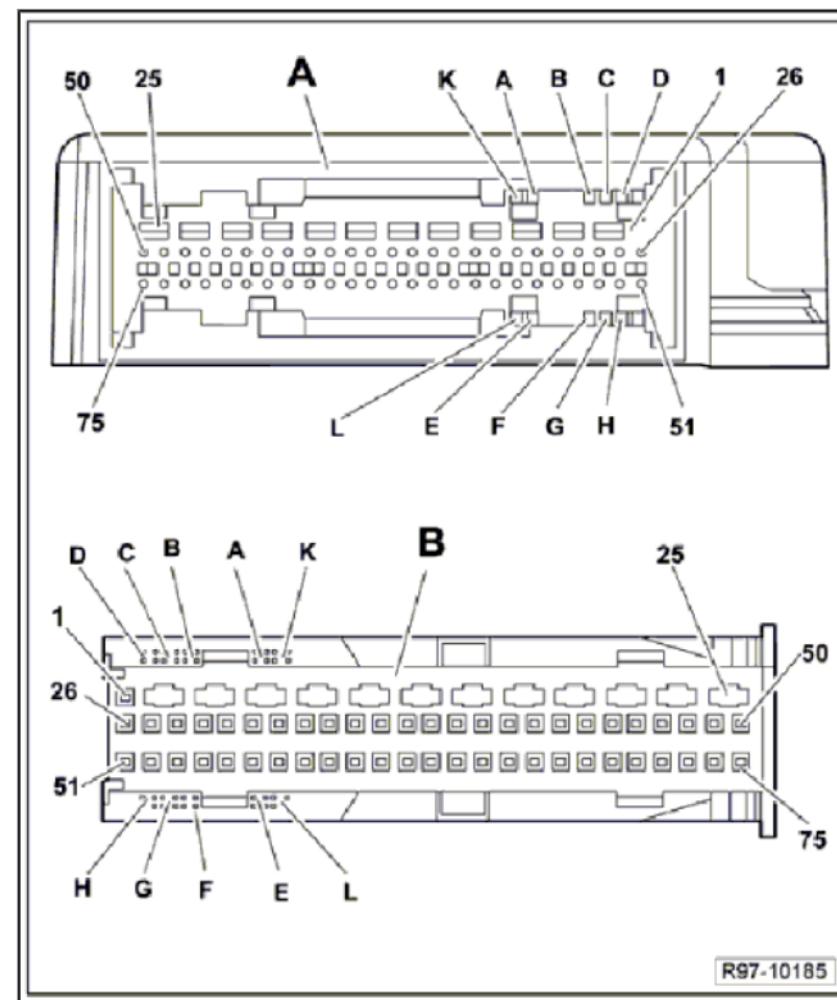


### 1.1.5 Airbag control unit J234

A Airbag control unit J234

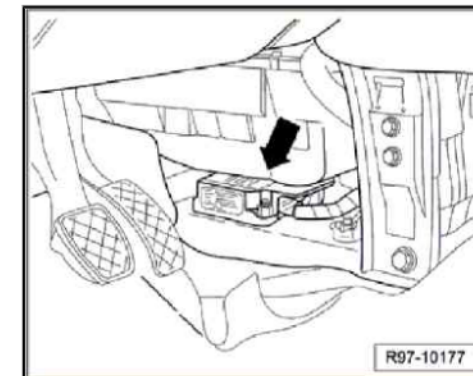
Connector

B Fitting connector 75 poles on airbag control unit T75a



- Positioning location

"Under central console near the selection lever" Arrow



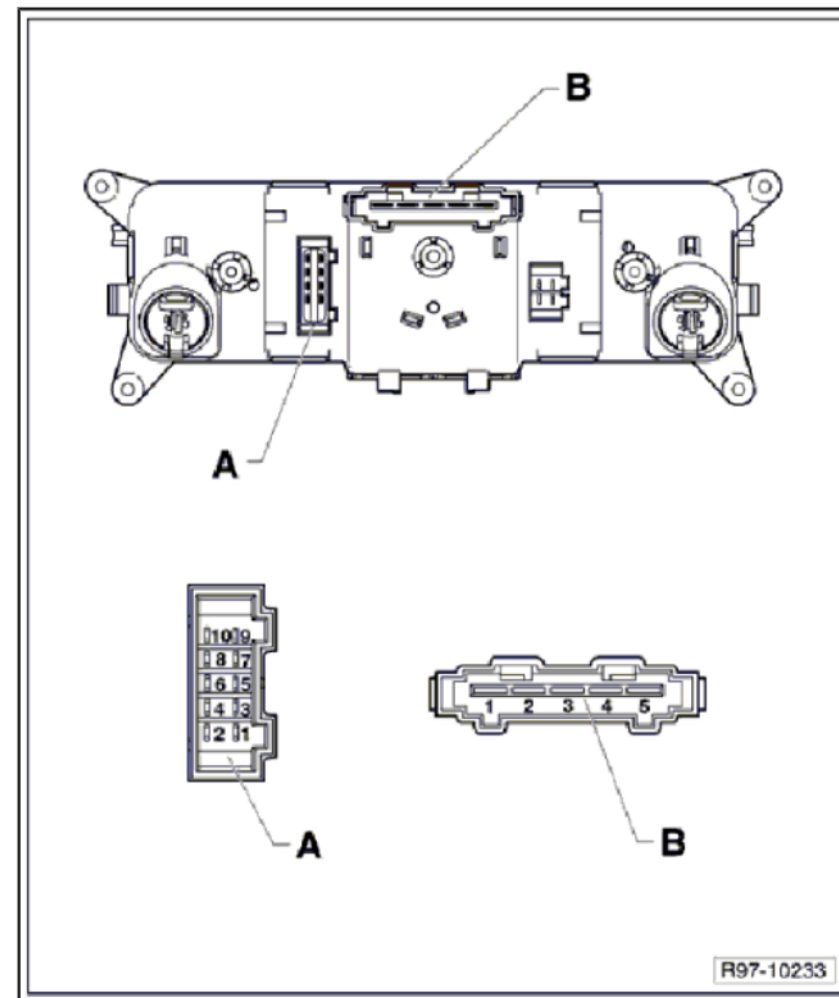
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# 1.1.6 Air conditioning system control unit J301

## Connectors

A Fitting connector 10pin on Air conditioning system control unit T10f

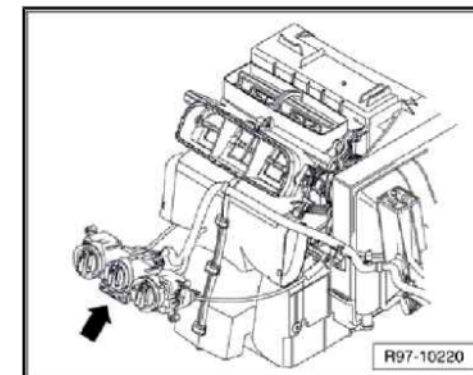
B Fitting connector 5pin on fresh air blower switch T5m





- Positioning location

"Above front central console" Arrow



# 1.1.7 Central control unit for the convenience system J393

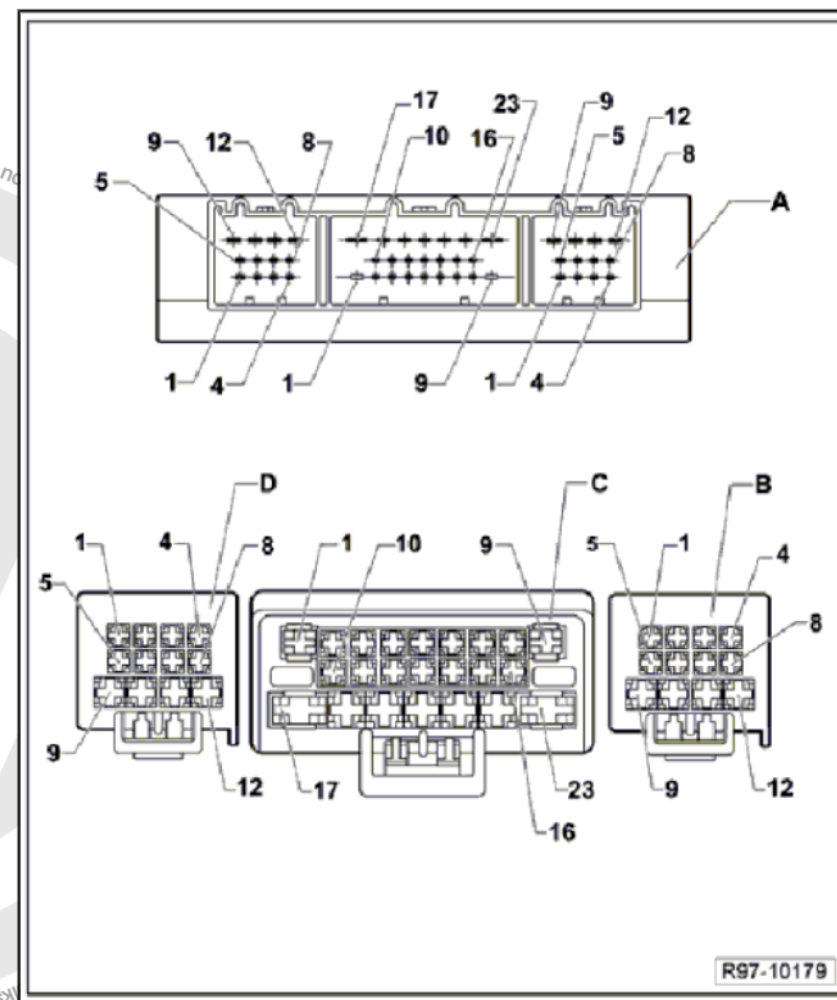
A Central control unit for the convenience system J393

Connectors

B Fitting connector 12 poles on central control unit for the convenience system T12c

C Fitting connector 23 poles on central control unit for the convenience system T23a

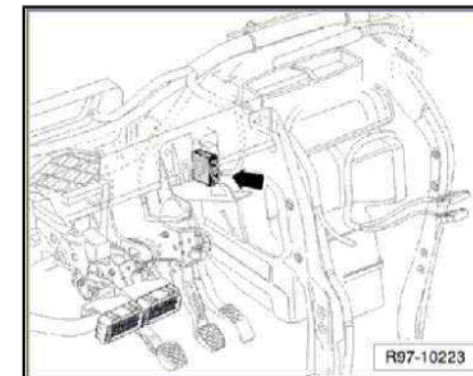
D Fitting connector 12 poles on central control unit for the convenience system T12b



- Positioning location

"Behind dash panel left next to steering

column" Arrow



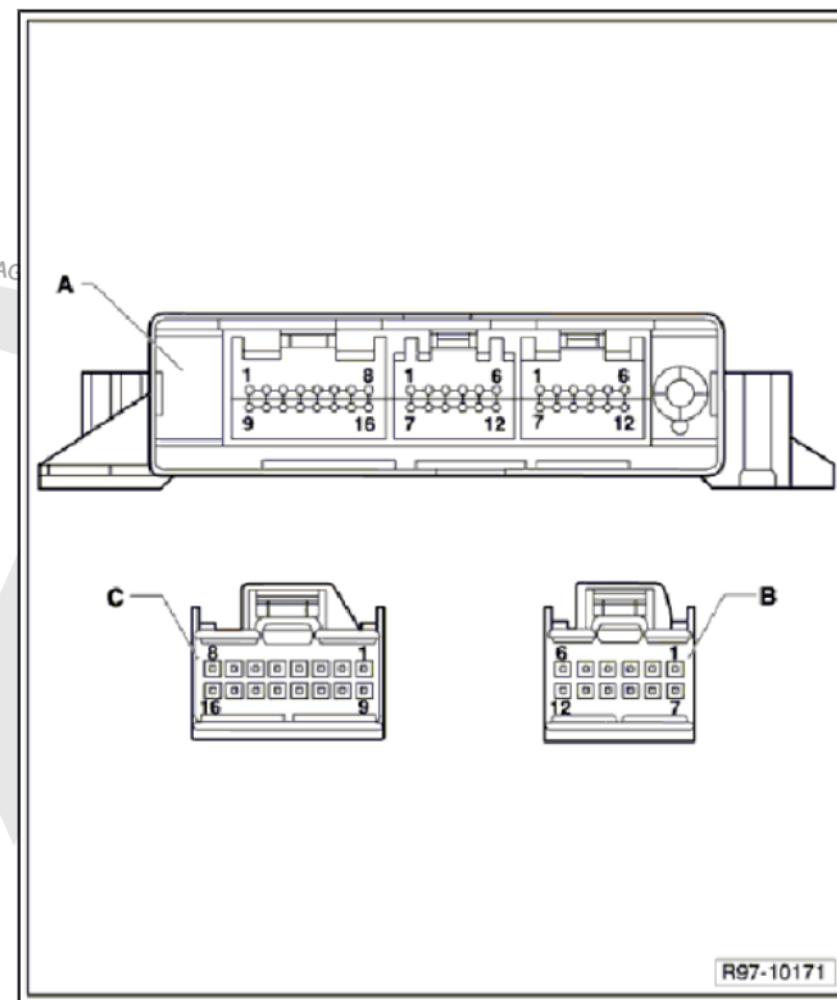
### 1.1.8 Control unit for parking aid J446

A Control unit for parking aid J446

Connectors

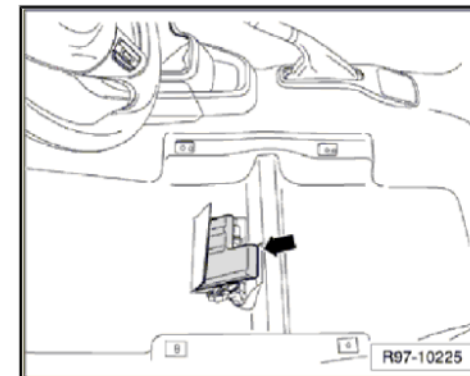
B Fitting connector 12 poles on control unit for parking aid T12f

C Fitting connector 16 poles on control unit for parking aid T16e



- Positioning location

"Under driver seat left next to central console" Arrow



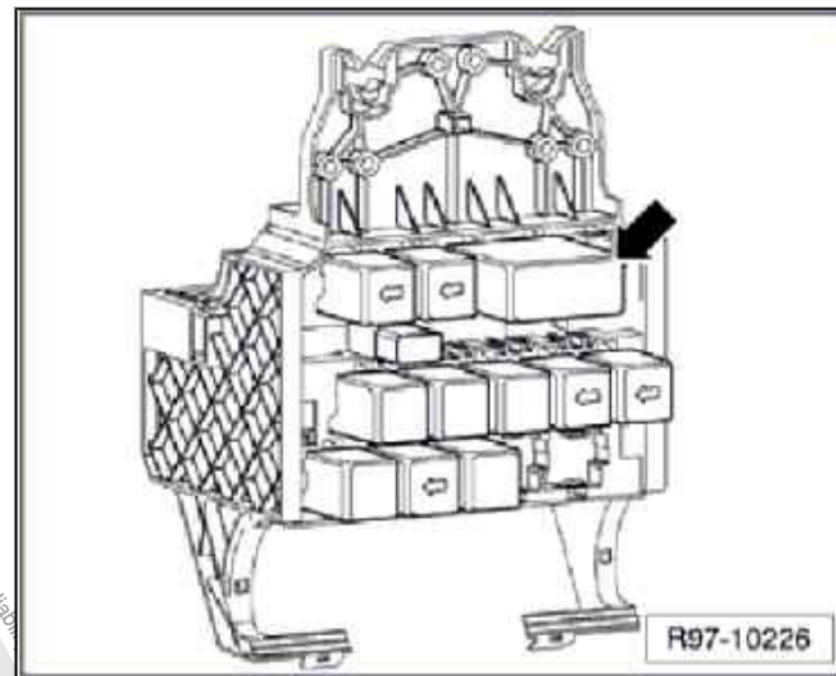
### 1.1.9 Control unit of lights with windshield wiper functions J917

A Control unit of lights with windshield wiper functions J917

Connectors

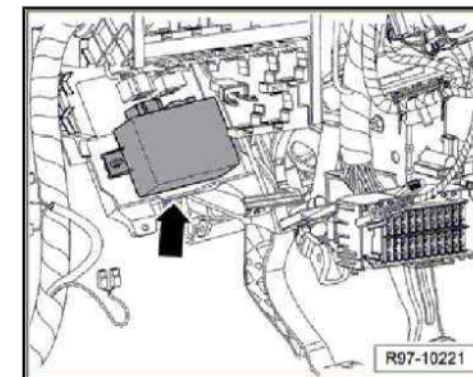
B Fitting connector 12 poles on control unit of lights with windshield wiper functions T12e

C Fitting connector 16 poles on control unit of lights with windshield wiper functions T16d



- Positioning location

"Behind relay holder left" Arrow

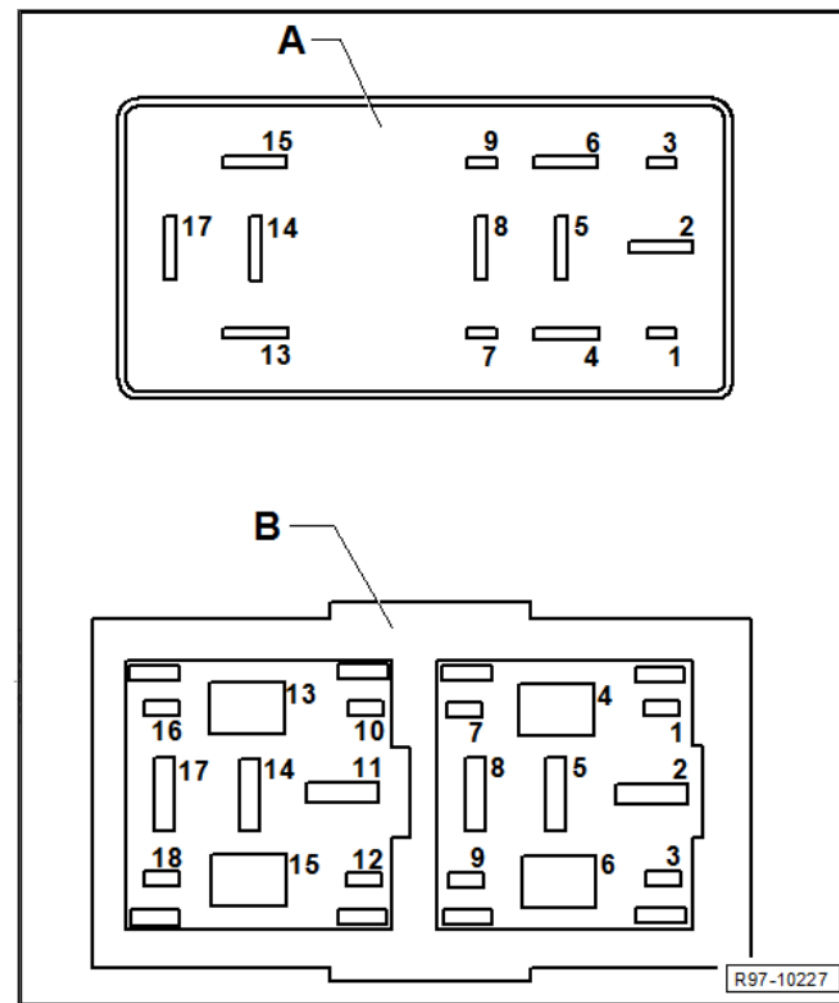


### 1.1.10 Folding exterior mirror control unit J351

A Folding exterior mirror control unit J351

Connector

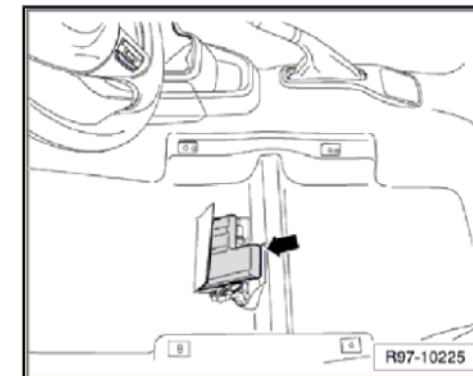
B Fitting connector 18 poles on Folding exterior mirror control unit T18b





- Positioning location

"On left relay holder" Arrow

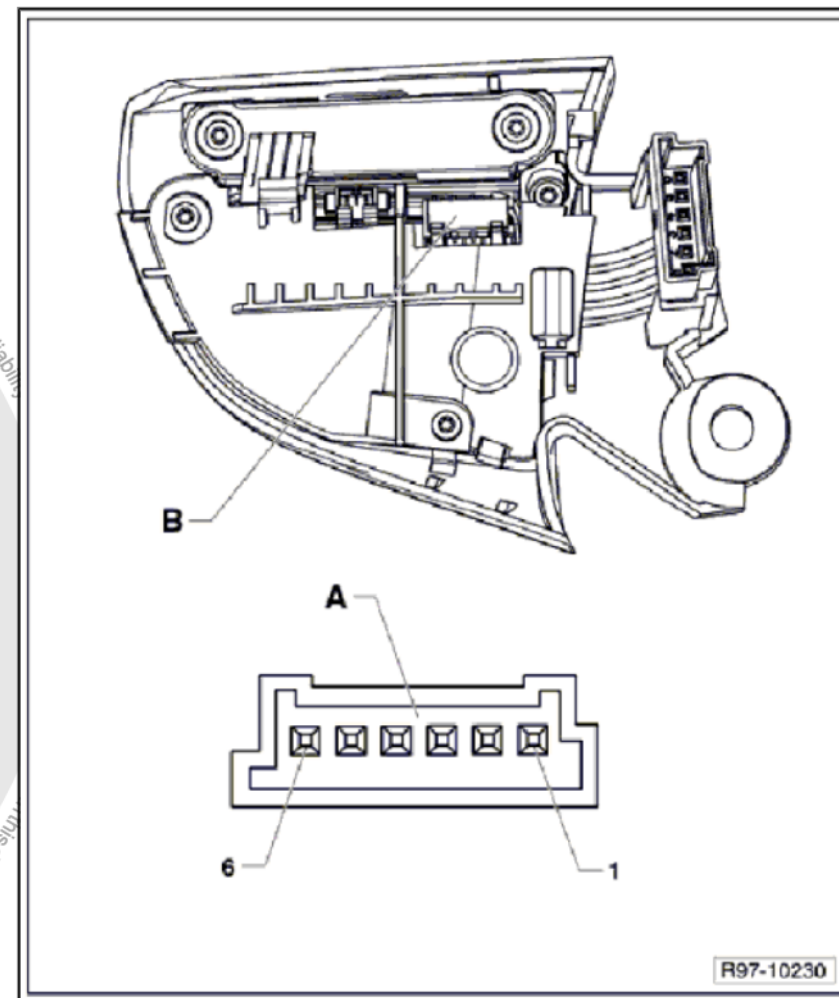


### 1.1.11 Control unit on the steering wheel E221

B Control unit on the steering wheel E221

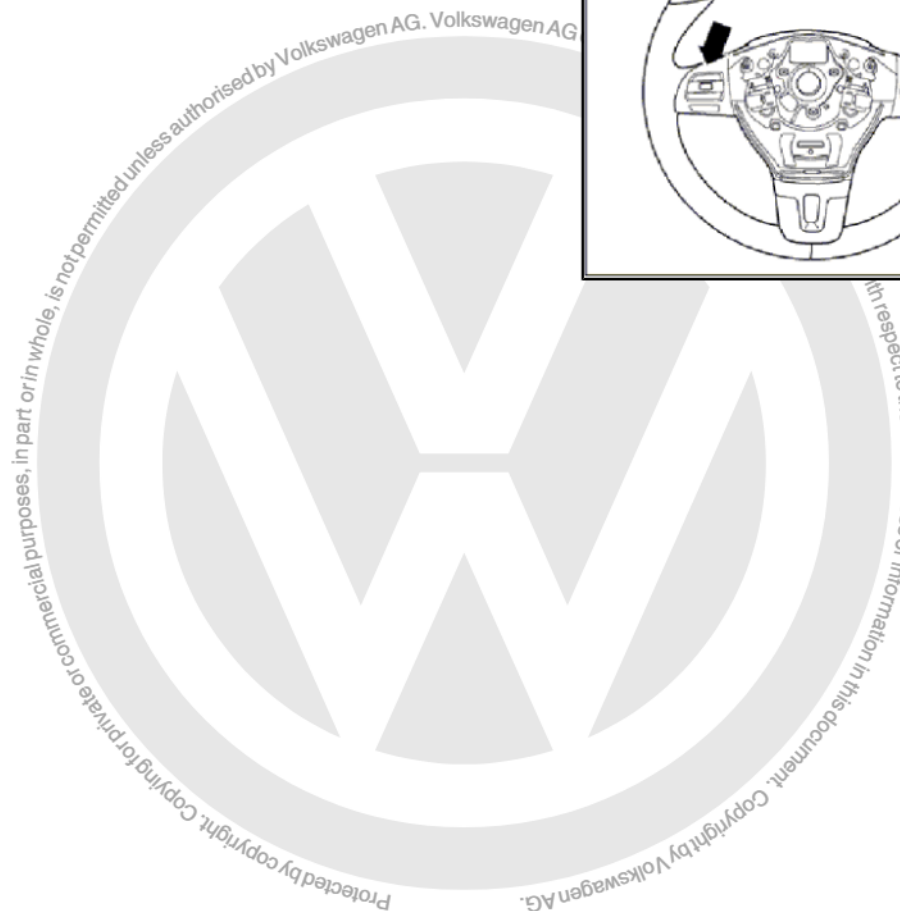
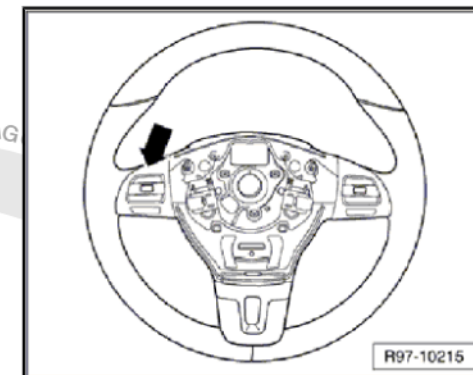
Connector

A Fitting connector 6pin on control unit on the steering wheel T6ai



- Positioning location

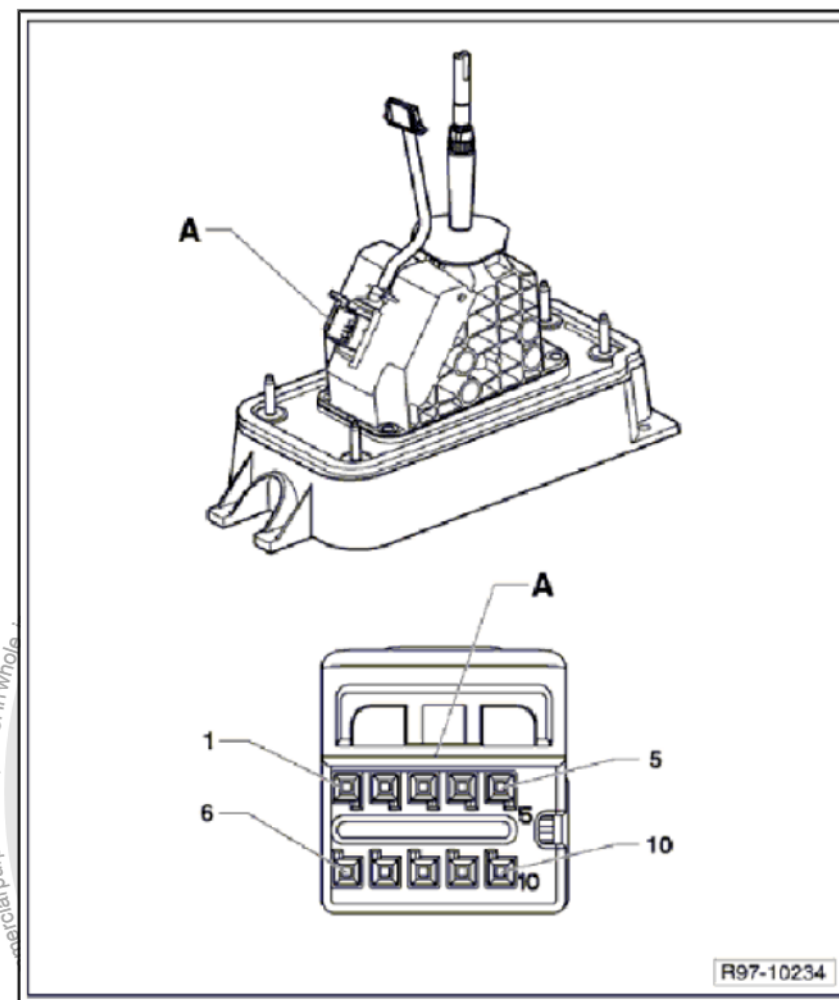
"On left steering wheel" Arrow



### 1.1.12 The Selector lever sensor control unit J587

Connector

A Fitting connector 10pin on selector lever sensor control unit T10g



- Positioning location

"Under central console" Arrow

